# Catch and Effort Statistics of the Canadian Groundfish Fishery on the Pacific Coast in 1984

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by

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## ABSTRACT

Leaman, J. E. 1985. Catch and effort statistics of the Canadian groundfish fishery on the Pacific coast in 1984. Can. Tech. Rep. Fish. Aquat. Sci. 1422: 89 p.

Catch and effort statistics for the Canadian groundfish fishery (excluding halibut) on the Pacific coast in 1984 are presented. Statistics are shown by major areas, minor areas and International North Pacific Fisheries Commission areas in metric tonnes (t). Total landings in 1984 were 38,509 t, 5% more than in 1983. The bulk (83%) of the catch was taken by trawl gear. The main species landed were Pacific ocean perch, hake, sablefish, lingcod, Pacific cod and dogfish.


Key words: catch statistics, effort statistics, groundfish, Pacific coast


## RÉSUMÉ

Leaman, J. E. 1985. Catch and effort statistics of the Canadian groundfish fishery on the Pacific coast in 1984. Can. Tech. Rep. Fish. Aquat. Sci. 1422: 89 p.

L'article présente les statistiques sur les prises et les activités de la pêche canadienne du poisson de fond (à l'exception du flétan) sur la côte du Pacifique en 1984. Les statistiques sont données par secteurs principaux, secteurs mineurs et secteurs de la Commission internationale des pêcheries du Pacifique Nord, en tonnes métriques (t). En 1984, les débarquements totaux se sont établis à 38 509 t, soit 5% de plus qu'en 1983. Le gros (83%) des prises ont été pêchées au chalut. Les principales espèces débarquées étaient le sébaste à longue mâchoire, le merlu, la morue charbonnière, la morue-lingue, la morue du Pacifique et l'aiguillat commun.


Mots-clés: statistiques sur les prises, statistiques sur les activités, poisson de fond, côte du Pacifique

## INTRODUCTION

The Canadian fishery for groundfish along Canada's west coast involves many species of demersal fishes, the majority of which are caught by bottom and midwater trawls. The remaining catch is taken by trap, longline, handline and troll. Excluding halibut these groundfish landings contributed an average of 31,686 metric tonnes (t) to the annual fish production of Canada during 1974-83. The total landings of major groundfish species, caught by all types of gear from all areas on the Pacific coast during 1974-84, are shown in Table 1.

The Fisheries Research Branch, Pacific Biological Station, Nanaimo, B.C., maintained port liaison officers at Vancouver, Steveston and Prince Rupert during 1984. These persons conducted interviews with captains of trawl, longline and trap vessels to collect information on effort expended for groundfish catches, by species, area and depths as well as other pertinent data. The landings not covered by these interviews were obtained from the sales slips collected by the Statistics Division of Fisheries Management in Vancouver. All available 1984 data are included in this report. While changes are rare, individuals using these data for analyses should refer to the author for confirmation.

Total 1984 landings of 38,509 t were 22% above the 1974-83 mean and 5% above the 1983 level. Pacific ocean perch and various rockfish species were the dominant species, accounting for 40% of the total catch. There were increases in landings of rockfish species (15,210 t) and hake (4,600 t). Landings of dogfish (2,510 t), Pacific cod (3,465 t), sablefish (3,855 t), and pollock (800 t) showed decreases from 1983 catches.

This portion of the document is the traditional report of landings (t) by species, by discrete domestic (minor) fishing areas and by larger United States-Canadian (major) areas, commonly called Pacific Marine Fisheries Commission (PMFC) areas.

## MAJOR STATISTICAL AREA DIVISIONS

Standardization between Canada and the United States in reporting of groundfish catches on the Pacific coast has resulted in assignment of catches to certain major statistical areas. In the United States these international areas are used by the Pacific Marine Fisheries Commission in their annual summaries of catch statistics. Figure 1 illustrates the major statistical areas off British Columbia and gives their numerical designation. The following is a complete description of the boundaries of these areas.

Table 1. Total Canadian landings[a] (t) of groundfish by species, taken by all gear from all areas on the Pacific coast, 1974-84.

| Species | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | Mean 1974-83 | 1984 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | 663 | 1,100 | 1,307 | 1,469 | 809 | 1,069 | 1,244 | 1,500 | 559 | 532 | 1,025 | 812 |
| Rock sole | 948 | 1,740 | 2,157 | 1,252 | 1,312 | 1,874 | 1,843 | 1,059 | 745 | 668 | 1,360 | 525 |
| Petrale sole | 684 | 442 | 340 | 289 | 230 | 202 | 222 | 290 | 367 | 439 | 351 | 417 |
| Dover sole | 822 | 1,030 | 1,158 | 700 | 736 | 861 | 1,273 | 1,245 | 914 | 871 | 961 | 1148 |
| Rex sole | 137 | 99 | 133 | 99 | 102 | 203 | 145 | 190 | 74 | 49 | 123 | 219 |
| Starry flounder | 61 | 91 | 50 | 89 | 74 | 296 | 118 | 198 | 168 | 66 | 121 | 170 |
| Turbot | 370 | 953 | 1,310 | 1,599 | 2,326 | 1,826 | 1,448 | 946 | 525 | 323 | 1,163 | 369 |
| Other flatfish | 6 | 2 | 9 | 15 | 25 | 59 | 57 | 183 | 220 | 199 | 78 | 141 |
| Pacific cod | 8,828 | 10,272 | 10,107 | 7,717 | 6,750 | 9,554 | 8,703 | 6,708 | 4,810 | 4,505 | 7,795 | 3,465 |
| Lingcod | 2,540 | 2,846 | 2,320 | 2,248 | 2,004 | 2,098 | 2,151 | 2,467 | 4,162 | 3,755 | 2,659 | 3,688 |
| Sablefish | 503 | 925 | 795 | 1,088 | 831 | 2,031 | 3,793 | 3,888 | 3,976 | 4,414 | 2,224 | 3,855 |
| Pollock | 48 | 103 | 1,322 | 890 | 2,407 | 3,387 | 2,201 | 1,251 | 924 | 1,070 | 1,360 | 800 |
| Hake | - | - | - | 2 | 2 | 818 | 606 | 5,691 | 2,826 | 3,122 | 1,307 | 4,600 |
| Pacific ocean perch | 1,529 | 2,040 | 1,745 | 2,716 | 3,864 | 2,819 | 5,290 | 5,103 | 5,983 | 5,655 | 3,674 | 6,698 |
| Other rockfish | 1,136 | 1,214 | 2,543 | 5,235 | 6,608 | 5,962 | 4,476 | 4,857 | 5,093 | 7,024 | 4,415 | 8,512 |
| Misc. species | 97 | 182 | 220 | 289 | 163 | 215 | 303 | 266 | 141 | 156 | 203 | 175 |
| Dogfish | 1,070 | 714 | 242 | 1,730 | 3,126 | 4,757 | 4,547 | 1,151 | 3,875 | 3,274 | 2,449 | 2,510 |
| Animal food | 174 | 37 | 100 | 49 | 112 | 214 | 191 | 42 | 65 | 94 | 108 | 161 |
| Reduction | 274 | 211 | 299 | 181 | 302 | 240 | 528 | 302 | 450 | 321 | 311 | 244 |
| Total | 19,890 | 24,001 | 26,157 | 27,657 | 31,783 | 38,485 | 39,139 | 37,337 | 35,877 | 36,537 | 31,686 | 38,509 |

[a]Does not include catches from joint-venture or foreign fishery, see Tables 63 and 64.

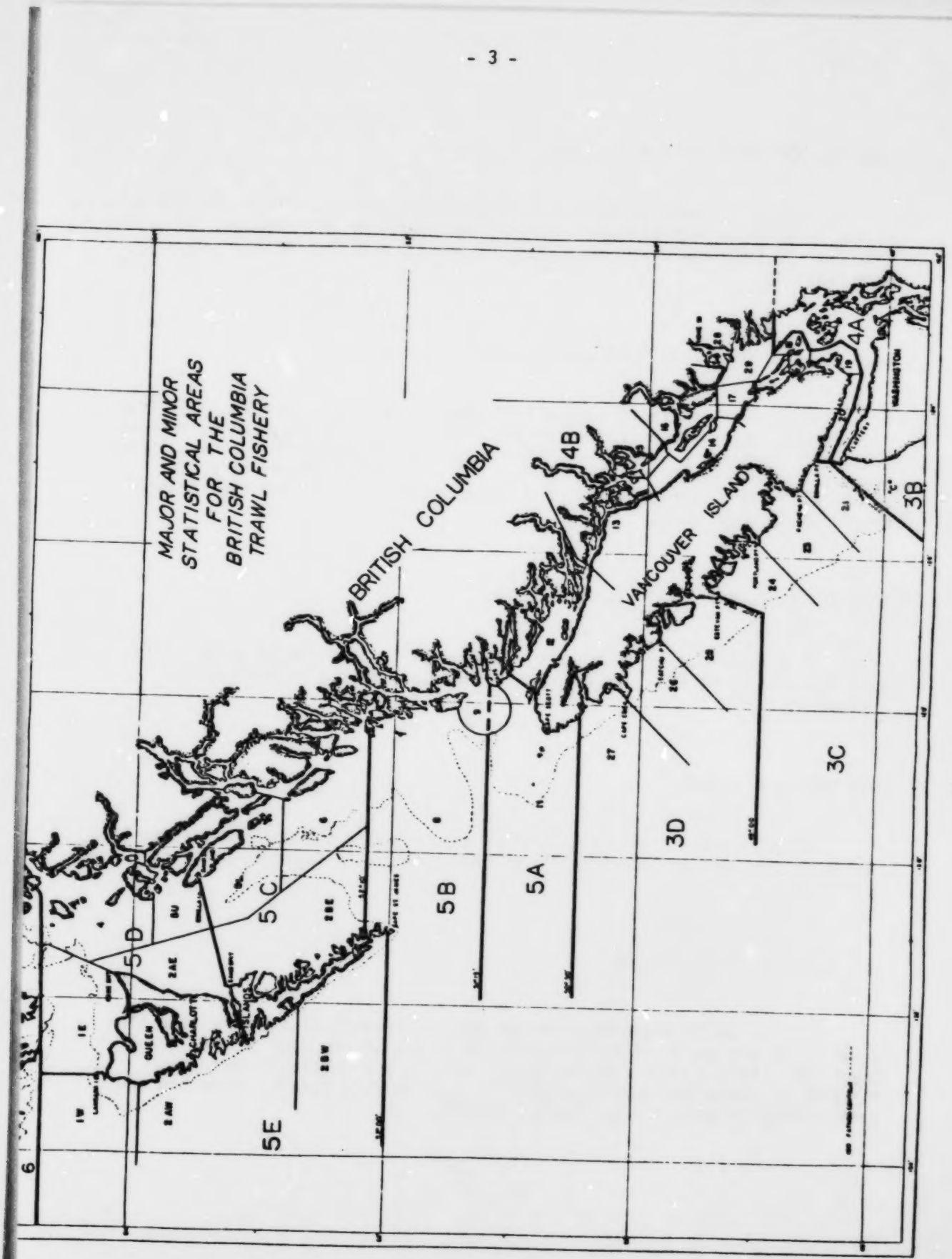

MAJOR AND MINOR
STATISTICAL AREAS
FOR THE
BRITISH COLUMBIA
TRAWL FISHERY
BRITISH COLUMBIA
VANCOUVER ISLAND
WASHINGTON
5E
5D
5C
5B
5A
4B
4A
3D
3C
3B

Fig. 1.

AREA 3B--NORTHWEST WASHINGTON COAST

From latitude 47°20'N to a line bearing 220° True from the mid-point of the Bonilla-Tatoosh line and crossing said parallel of latitude. This area includes the Quillayute and Umatilla Reef grounds and the shallow waters off Cape Flattery.

AREA 3C--SOUTHWEST COAST VANCOUVER ISLAND

From the northern boundary of Area 3B to a line bearing 200° True from Estevan Point southward to the 49° parallel of latitude, thence westward along said parallel. This area includes the Cape Flattery Spit, the Swiftsure Bank, La Pérouse Bank (Big Bank or 40 mile Bank), the Cabbage Patch, the Firing Range, the Lennard Island and Sydney Inlet grounds, and the inshore waters of Barkley Sound.

AREA 3D--NORTHWEST COAST VANCOUVER ISLAND

From the northern boundary of Area 3C to latitude 50°30'N. This area includes the Nootka, Esperanza, and Kyuquot grounds as well as the Estevan Deep.

AREA 4A--PUGET SOUND

The United States territorial waters inside the Bonilla-Tatoosh line including the Juan de Fuca Strait and Puget Sound. No Canadian catch from this area.

AREA 4B--STRAIT OF GEORGIA

The Canadian waters from the Bonilla-Tatoosh line inside to a line drawn north and south (Mag.) through Pine Island at the upper end of Queen Charlotte Strait. This area, defined simply as the Strait of Georgia, includes all Canadian inshore grounds of Juan de Fuca Strait, Johnstone and Queen Charlotte straits, and Georgia Strait.

AREA 5A--SOUTH QUEEN CHARLOTTTE SOUND

From the northern boundaries of Areas 4B and 3D to latitude 51°15'N. This area includes all grounds incorporated in the Cape Scott Bank and a portion of the grounds in the gully between the Cape Scott Bank and the Goose Island Bank. It also includes catches from the Virgin Rocks ground.

AREA 5B--NORTH QUEEN CHARLOTTE SOUND

From latitude 51°15'N to latitude 52°00'N on the westward side of Cape St. James and from latitude 51°15'N to latitude 52°10'N on the eastward side of Cape St. James. This area includes all grounds associated with the Goose Island Bank and the remaining portion of the grounds in the gully between the Goose Island Bank and the Cape Scott Bank.

AREA 5C--SOUTH HECATE STRAIT

From latitude 52°10'N to a line drawn from Spit Point (Sandspit) on Moresby Island to the southern tip of Bonilla Island. This area includes the grounds known as the "Horseshoe" and the "Ole Spot" in the central region of the Strait.

AREA 5D--NORTH HECATE STRAIT

From the northern boundary of Area 5C to latitude 54°40'N, limited to the westward by longitude 133°W across Dixon Entrance. This area includes the Two Peaks ground (northeast of Rose Spit), the Butterworth-Warrior edge, the Fingers (southwest of Archibald Island), the Oval Hill ground, the White Rock ground (northwest of Bonilla Island), the Skidegate Inlet ground, the Fife Point ground, the southwest Seal Rocks ground, and grounds in Dixon Entrance.

AREA 5E--WEST COAST QUEEN CHARLOTTE ISLANDS

From latitude 52°00'N to 54°40'N, limited to the eastward by longitude 133°W across Dixon Entrance.

AREA 6--ALASKA

Encompasses waters bounded on the south by latitude 54°40'N and on the west by longitude 147°W.

## MINOR STATISTICAL AREA DIVISIONS

Minor areas are used to give more detailed information on region of capture of groundfish. They are areas within major areas and are basically the former Fisheries Management statistical areas with some modifications. Figure 2 illustrates the areas, the modifications are catalogued below:

1. Minor Area 1 has been divided into two minor areas, 1E and 1W. This boundary lies along longitude 133°W.

2. Minor Area 2 West has been divided into two minor areas, 2AW and 2BW. This boundary lies along 52°40'N latitude.

3. The boundary between Area 2 East and Area 4 has been shifted northwestward to Rose Spit. Area 4 was expanded to bring the whole of the "Two Peaks" and "Dundas" grounds within Area 4. This has meant the elimination of Area 3.

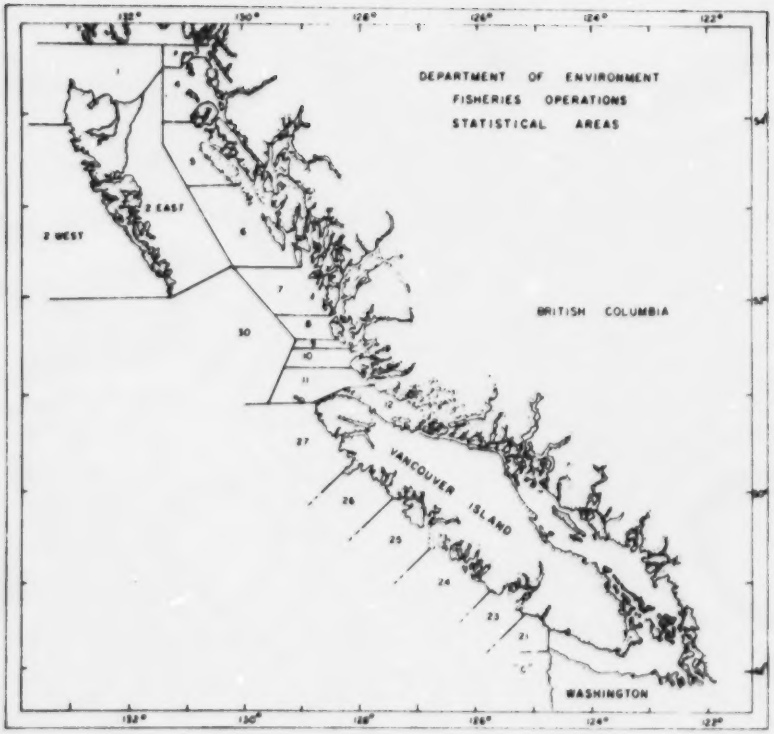
4. Minor Area 5 has been divided into two sub-areas, designated 5U and 5L, this boundary lies along the Sandspit-Bonilla Island line, which is the internationally agreed line of division between north and south Hecate Strait (Areas 5D and 5C).

5. The boundary between Areas 5D and 5C has been continued through Area 2 East to divide it into two minor areas, 2AE and 2BE.

6. The southern boundary of Areas 2 East and 6 has been shifted to lie along 52°10'N latitude to conform with the boundary between Areas 5C and 5B.

7. Area 8 has been expanded to include the whole of the Goose Island Bank. This has involved (a) shifting the northern boundary and eliminating Area 7, (b) shifting the southern boundary and eliminating the offshore portion of Area 9, and (c) the elimination of Area 30, previously used for offshore catches in Queen Charlotte Sound. There is, in this report, no westward limit to Area 8.

8. Area 9 has been changed and is now a circle 24 mi in diameter surrounding the Sea Otter group and the Virgin Rocks ground. It is considered to be part of Area 5A.


DEPARTMENT OF ENVIRONMENT
FISHERIES OPERATIONS
STATISTICAL AREAS
2 WEST
2 EAST
BRITISH COLUMBIA
VANCOUVER ISLAND
WASHINGTON

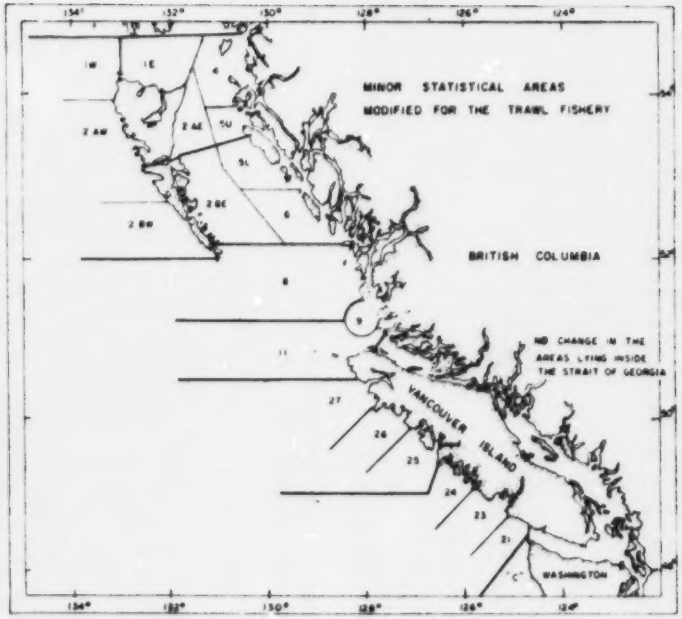

MINOR STATISTICAL AREAS
MODIFIED FOR THE TRAWL FISHERY
BRITISH COLUMBIA
NO CHANGE IN THE
AREAS LYING INSIDE
THE STRAIT OF GEORGIA
VANCOUVER ISLAND
WASHINGTON

Fig. 2.

9. Area 11 has been expanded to include all of the Cape Scott Bank. This has meant the elimination of Area 10 and the addition of the part of Area 27 lying northward of 50°30'N latitude. This is to conform with the boundary between Areas 5A and 3D.

10. The western limit of area 12 is now Bates Passage.

11. The boundary between Areas 24 and 25 has been shifted to lie along the boundary between Areas 3D and 3C.

12. The boundary between Areas 23 and 24 has been shifted northwards to Portland Point and it lies on a bearing of 225° True. This is to bring the whole of the ground known as Firing Range (which formerly lay on the boundary between these two areas) entirely within Area 23.

All other minor areas remain the same as those defined by the Fisheries Management Statistical Chart.

The following shows the relationship between the major and the minor areas:

| Major areas | | Minor areas |
|---|---|---|
| 6 | Alaska | Southeastern, Yakutat[1] |
| 5E | West Coast Queen Charlotte Islands | 1W, 2AW, 2BW |
| 5D | North Hecate Strait | 1E, 2AE, 3, 4, 5U |
| 5C | South Hecate Strait | 2BE, 5L, 6 |
| 5B | North Queen Charlotte Sound | 8 |
| 5A | South Queen Charlotte Sound | 9, 11 |
| 3D | Northwest Coast Vancouver Island | 27, 26, 25 |
| 3C | Southwest Coast Vancouver Island | 24, 23, 21 |
| 3B | Northwest Washington Coast | "C" |
| 4B | Strait of Georgia2 | 12, 13, 14, 15, 16, 17, 18, 19, 20, 28, 29 |

[1]Southeastern - from 54°40'N to 137°W. Yakutat from 137°W to 147°W.

[2]Including Johnstone and Queen Charlotte straits and the Canadian portion of the Strait of Juan de Fuca.

## TRAWL FISHERY

In 1984, catch and effort data were collected by port liaison officers for 64%, by weight, of the total trawl landings. Through the cooperation of the Statistics Division, Field Services Branch, the remaining 36% of the landings were recorded from sales slips, for which no effort (hours fished) is available. Catch-per-unit-effort (CPUE) statistics obtained from the interview data were used to estimate the effort expended for the catch reported on these sales slips.

From total landed catch and total estimated effort data, an average CPUE (t/h) was calculated for each major fishing area. Also calculated was the percentage of total catch and effort expended in each of these areas. These last two statistics show relative importance of each area, and are used in the calculation of the "success ratio". This parameter is defined as the percent of total catch divided by percent of total effort.

Total landings in 1984 (excludes dumped[3] and discarded[4] fish) by the British Columbia trawl fleet were 31,896 t, 11% above the total for 1983. Effort expended increased 2% to 34,004 h resulting in an overall CPUE of 0.938 t/h, 8% above the 1983 rate.

Pacific ocean perch was the strongest contributor to the trawl fishery with landings of 6,698 t, showing an 18% increase from 1983. Total rockfish landings were 14,603 t and comprised 46% of the total trawl landings. There were increases in landings of English sole (812 t), Dover sole (1,148 t), and hake (4,600 t). Trawl landings of Pacific cod (3,460 t) continued to decline with a 23% drop from the 1983 level. There were marked decreases in landings of pollock (800 t) and dogfish (899 t).

Annual trawl catch and effort data are shown in Tables 2-6. Landings by major area, month and species are presented in Tables 7-14. Landings by minor area, month and species are given in Tables 15-41.

### AREA 4B--STRAIT OF GEORGIA

Total landings (6,008 t) from this area increased 23% while the effort declined 14%, resulting in an increased CPUE of 1.093 t/h. This was due to the 47% rise in landings of hake to 4,599 t which accounted for 77% of the catch. Pacific cod and dogfish were the other main species caught.

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[3] Fish caught and retained but eventually rejected at the plant as being unsuitable for any utilization.

[4] Fish caught and discarded at sea by fishermen.

AREA 3C--SOUTHWEST COAST OF VANCOUVER ISLAND

Both total catch (4,558 t) and total effort (6,772 h) rose substantially, accompanying a 14% rise in CPUE to 0.673 t/h. There was a large increase in lingcod landings to 1,737 t. Pacific cod, Pacific ocean perch, and dogfish were the other main species landed from this area.

AREA 3D--NORTHWEST COAST OF VANCOUVER ISLAND

Total landings (2,623 t) and effort (2,780 h) showed decreases from the previous year, resulting in a 15% increase of CPUE (0.943 t/h). Rockfish landings of 2,071 t of which canary rockfish (882 t), silvergray rockfish (462 t), and Pacific ocean perch (337 t) were the dominant species, accounted for 79% of the total.

AREA 5A--SOUTH QUEEN CHARLOTTE SOUND

Total catch in this area declined 30% to 1,907 t, with effort of 3,779 h remaining at the same level. CPUE decreased 30% to 0.505 t/h. Silvergray rockfish, lingcod and Pacific cod were the main species caught from this area.

AREA 5B--NORTH QUEEN CHARLOTTE SOUND

This area contributed 17% (5,544 t) of the total British Columbia trawl production; CPUE rose slightly above the 1983 level to 1.100 t/h. The main species taken from this area were Pacific ocean perch (2,417 t), silvergray rockfish (653 t), and yellowmouth rockfish (590 t).

AREA 5C--SOUTH HECATE STRAIT

Total catch (1,450 t), effort (1,668 h) and CPUE (0.869 t/h) showed decreases from the previous year. Pacific ocean perch remained the dominant species even though landings decreased 48% from 1983. Silvergray rockfish and Pacific cod were the other main species.

AREA 5D--NORTH HECATE STRAIT

Total catch of 4,645 t remained at about the same level as in 1983. Effort in this area increased 22% to 6,311 h, while CPUE declined 13% to 0.736 t/h. The major species taken in this area were Pacific cod, Dover sole, pollock, and English sole.

AREA 5E--WEST COAST QUEEN CHARLOTTE ISLANDS

Both total landings (5,161 t) and total effort (2,156 t) showed increases, 70% and 64% respectively. This resulted in a slight increase in CPUE to 2.394 t/h. Total rockfish landings of 4,625 t accounted for 90% of the total catch of which Pacific ocean perch (3,002 t), yellowmouth rockfish (504 t), rougheye rockfish (328 t), silvergray rockfish (326 t), and redstripe rockfish (259 t) were the dominant species.

The following species were observed in trawl landings in British Columbia in 1984.

| Family and common name | Scientific name |
|---|---|
| Fishes | |
| Acipenseridae | |
| Green sturgeon | Acipenser medirostris (Ayres) |
| Anoplopomatidae | |
| Sablefish | Anoplopoma fimbria (Pallas) |
| Embiotocidae | |
| Pile perch | Rhacochilus vacca (Girard) |
| Gadidae | |
| Pacific cod, true cod or gray cod | Gadus macrocephalus (Tilesius) |
| Pacific hake | Merluccius productus (Ayres) |
| Walleye pollock | Theragra chalcogramma (Pallas) |
| Hexagrammidae | |
| Lingcod | Ophiodon elongatus (Girard) |
| Pleuronectidae | |
| Arrowtooth flounder or turbot | Atheresthes stomias (Jordan and Gilbert) |
| Petrale sole | Eopsetta jordani (Lockington) |
| Rex sole | Glyptocephalus zachirus (Lockington) |
| Flathead sole | Hippoglossoides elassodon (Jordan, Gilbert) |
| Rock sole | Lepidopsetta bilineata (Ayres) |
| Dover sole | Microstomus pacificus (Lockington) |
| English sole | Parophrys vetulus (Girard) |
| Starry flounder | Platichthys stellatus (Pallas) |
| Sand sole | Psettichthys melanostictus (Girard) |

| Family and common name | Scientific name |
|---|---|
| Rajidae | |
| Big skate | Raja binoculata (Girard) |
| Longnose skate | Raja rhina (Jordan and Gilbert) |
| Scorpaenidae | |
| Rougheye rockfish | Sebastes aleutianus (Jordan, Evermann) |
| Pacific ocean perch | Sebastes alutus (Gilbert) |
| Redbanded rockfish | Sebastes babcocki (Thompson) |
| Shortraker rockfish | Sebastes borealis (Barsukov) |
| Silvergray rockfish | Sebastes brevispinis (Bean) |
| Darkblotched rockfish | Sebastes crameri (Jordan) |
| Splitnose rockfish | Sebastes diploproa (Gilbert) |
| Greenstriped rockfish | Sebastes elongatus (Ayres) |
| Widow rockfish | Sebastes entomelas (Jordan and Gilbert) |
| Yellowtail rockfish | Sebastes flavidus (Ayres) |
| Rosethorn rockfish | Sebastes helvomaculatus (Ayres) |
| Quillback rockfish | Sebastes maliger (Jordan and Gilbert) |
| Black rockfish | Sebastes melanops (Girard) |
| Bocaccio | Sebastes paucispinis (Ayres) |
| Canary rockfish | Sebastes pinniger (Gill) |
| Redstripe rockfish | Sebastes proriger (Jordan and Gilbert) |
| Yellowmouth rockfish | Sebastes reedi (Westrheim and Tsuyki) |
| Yelloweye rockfish | Sebastes ruberrimus (Cramer) |
| Harlequin rockfish | Sebastes variegatus (Quast) |
| Sharpchin rockfish | Sebastes zacentrus (Gilbert) |
| Shortspine thornyhead | Sebastolobus alascanus (Bean) |
| Squalidae | |
| Spiny dogfish | Squalus acanthias (Linnaeus) |
| INVERTEBRATES | |
| Cancridae | |
| Dungeness crab | Cancer magister (Dana) |
| Octopoda | |
| Octopus or devilfish | Octopus sp. |
| Teuthoidea | |
| Squid | Loligo opalescens (Berry) |

Table 2. Total catch (t) (excludes dumped and discarded fish) and related efforts (h) for the British Columbia trawl fleet in 1984.

| Month | Major Area | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4B | | 3C | | 3D | | 5A | | 5B | |
| | Catch | Effort | Catch | Effort | Catch | Effort | Catch | Effort | Catch | Effort |
| January | 99.27 | 341 | 82.20 | 116 | 65.82 | 87 | 5.64 | 28 | 353.13 | 364 |
| February | 259.06 | 524 | 244.82 | 417 | 96.55 | 116 | 69.57 | 65 | 530.31 | 312 |
| March | 954.95 | 413 | 361.70 | 311 | 59.23 | 84 | 13.48 | 12 | 650.89 | 411 |
| April | 890.96 | 316 | 235.20 | 282 | 249.30 | 288 | 111.12 | 143 | 403.46 | 177 |
| May | 1541.24 | 749 | 441.06 | 927 | 968.66 | 984 | 232.26 | 640 | 1309.08 | 733 |
| June | 422.46 | 400 | 797.34 | 1307 | 340.63 | 557 | 235.80 | 748 | 950.63 | 1366 |
| July | 45.49 | 235 | 877.41 | 1154 | 340.61 | 311 | 217.00 | 473 | 224.29 | 611 |
| August | 116.90 | 530 | 793.20 | 1190 | 189.03 | 163 | 254.40 | 494 | 235.89 | 279 |
| September | 244.40 | 647 | 377.35 | 547 | 2.46 | 12 | 308.15 | 478 | 262.97 | 463 |
| October | 822.68 | 681 | 312.33 | 465 | 52.88 | 48 | 262.19 | 406 | 427.50 | 212 |
| November | 420.59 | 398 | 9.95 | 10 | 215.37 | 85 | 113.61 | 167 | 74.54 | 38 |
| December | 189.88 | 265 | 25.47 | 46 | 42.37 | 45 | 83.58 | 125 | 121.72 | 73 |
| Total | 6007.88 | 5499 | 4558.03 | 6772 | 2622.91 | 2780 | 1906.80 | 3779 | 5544.41 | 5039 |
| CPUE (t/h) | 1.093 | | 0.673 | | 0.943 | | 0.505 | | 1.100 | |
| % catch | 18.84 | | 14.29 | | 8.22 | | 5.98 | | 17.38 | |
| % effort | 16.17 | | 19.92 | | 8.18 | | 11.11 | | 14.82 | |
| Success ratio | 1.17 | | 0.72 | | 1.00 | | 0.54 | | 1.17 | |

Table 2 (cont'd)

| Month | Major Area 5C Catch | 5C Effort | 5D Catch | 5D Effort | 5E Catch | 5E Effort | Total Catch | Total Effort |
|---|---|---|---|---|---|---|---|---|
| January | 23.77 | 57 | 427.43 | 619 | 237.60 | 155 | 1294.86 | 1767 |
| February | 29.36 | 45 | 371.56 | 677 | 137.64 | 92 | 1738.87 | 2248 |
| March | 103.91 | 129 | 246.82 | 483 | 592.08 | 247 | 2983.06 | 2090 |
| April | 90.92 | 106 | 354.82 | 597 | 751.95 | 295 | 3087.73 | 2204 |
| May | 118.48 | 176 | 473.08 | 678 | 1047.19 | 374 | 6131.05 | 5261 |
| June | 112.82 | 166 | 366.49 | 521 | 1034.24 | 361 | 4260.41 | 5426 |
| July | 124.09 | 94 | 707.66 | 659 | 385.08 | 159 | 2921.63 | 3696 |
| August | 126.04 | 67 | 595.59 | 644 | 114.06 | 23 | 2425.11 | 3390 |
| September | 113.10 | 139 | 353.66 | 418 | 200.92 | 78 | 1863.01 | 2782 |
| October | 534.47 | 551 | 162.42 | 280 | 86.56 | 44 | 2661.03 | 2687 |
| November | 61.73 | 122 | 286.77 | 492 | 398.76 | 235 | 1581.32 | 1547 |
| December | 11.48 | 16 | 298.58 | 243 | 174.98 | 93 | 948.06 | 906 |
| Total | 1450.17 | 1668 | 4644.88 | 6311 | 5161.06 | 2156 | 31896.14 | 34004 |
| CPUE (t/h) | 0.869 | | 0.736 | | 2.394 | | 0.938 | |
| % catch | 4.55 | | 14.56 | | 16.18 | | | |
| % effort | 4.90 | | 18.56 | | 6.34 | | | |
| Success ratio | 0.93 | | 0.78 | | 2.55 | | | |

[a]This effort was prorated using the known CPUE obtained from interviews which accounted for 64% of the total catch.

Table 3. Total British Columbia trawl landings (t) by main species and major area in 1984 (excluding dumped and discarded fish).

| Species | Major Area | | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|
| | 4B | 3C | 3D | 5A | 5B | 5C | 5D | 5E | |
| English sole | 45.98 | 82.99 | 3.16 | 9.87 | 6.68 | 52.78 | 605.24 | 4.82 | 811.52 |
| Rock sole | 7.18 | 87.70 | 11.74 | 142.22 | 87.38 | 63.64 | 124.49 | 1.10 | 525.45 |
| Petrale sole | 7.58 | 214.47 | 76.88 | 39.81 | 39.00 | 11.72 | 12.05 | 15.51 | 417.02 |
| Dover sole | 50.92 | 50.70 | 48.64 | 18.78 | 38.96 | 7.81 | 630.15 | 302.25 | 1148.21 |
| Rex sole | - | 0.48 | - | 0.02 | 0.15 | 0.99 | 186.86 | 30.64 | 219.14 |
| Starry flounder | 9.81 | 6.08 | 2.34 | 0.01 | - | 0.25 | 151.84 | - | 170.33 |
| Turbot | 8.39 | 45.93 | 3.13 | 32.39 | 62.18 | 11.89 | 200.31 | 4.78 | 369.00 |
| Other flatfish[a] | 69.05 | 55.79 | 8.35 | 2.24 | 3.16 | 0.16 | 2.74 | - | 141.49 |
| Pacific cod | 651.28 | 642.52 | 31.99 | 232.24 | 150.29 | 214.43 | 1533.57 | 3.68 | 3460.00 |
| Lingcod | 42.64 | 1737.04 | 321.83 | 261.00 | 454.92 | 23.22 | 121.97 | 8.81 | 2971.43 |
| Sablefish | 2.23 | 107.56 | 12.39 | 3.90 | 6.69 | 1.20 | 6.27 | 46.76 | 187.00 |
| Pollock | 156.88 | 5.09 | - | 11.42 | 7.18 | 1.60 | 617.61 | 0.02 | 799.80 |
| Hake | 4599.48 | - | - | - | - | - | 0.02 | - | 4599.50 |
| Pacific ocean perch | - | 406.61 | 337.41 | 112.79 | 2416.92 | 410.99 | 11.43 | 3001.58 | 6697.73 |
| Other rockfish[a] | 38.85 | 639.39 | 1733.18 | 968.57 | 2146.59 | 596.59 | 158.70 | 1623.20 | 7905.07 |
| Misc. species[a] | 17.94 | 12.36 | 0.50 | 7.63 | 8.60 | 1.88 | 118.38 | 2.19 | 169.48 |
| Dogfish | 299.48 | 455.47 | 2.70 | 44.81 | 8.77 | 15.20 | 72.78 | - | 899.21 |
| Animal food[a] | 0.18 | - | - | 11.97 | 15.04 | 18.92 | 67.13 | 47.71 | 160.95 |
| Reduction[a] | 0.01 | 7.85 | 28.67 | 7.13 | 91.90 | 16.90 | 23.34 | 68.01 | 243.81 |
| Total | 6007.88 | 4558.03 | 2622.91 | 1906.80 | 5544.41 | 1450.17 | 4644.88 | 5161.06 | 31896.14 |
| Effort (h) | 5499 | 6772 | 2780 | 3779 | 5039 | 1668 | 6311 | 2156 | 34004 |

[a]Refer to Table 4 for breakdown by species.

Table 4. British Columbia midwater trawl[a] landings (t) by species and major area in 1984.

| | Major Area | | | | | |
|---|---|---|---|---|---|---|
| Species | 4B | 3C | 5A | 5B | 5D | Total |
| English sole | - | - | - | - | 0.73 | 0.73 |
| Turbot | - | - | - | - | 0.15 | 0.15 |
| Pacific cod | - | - | - | - | 0.03 | 0.03 |
| Pollock | 154.73 | - | - | - | 566.93 | 721.66 |
| Hake | 4598.54 | - | - | - | - | 4598.54 |
| Other Rockfish | 5.92 | 0.16 | 23.68 | 0.27 | 30.34 | 60.37 |
| Misc. species | - | - | - | - | 0.23 | 0.23 |
| Dogfish | 46.46 | - | - | - | - | 46.46 |
| Animal food | - | - | - | - | 23.77 | 23.77 |
| Total | 4805.65 | 0.16 | 23.68 | 0.27 | 622.18 | 5451.94 |

[a]These midwater trawl catches are included in all the trawl tables in this report.

Table 5. Species landed (t) as "other flatfish", "other rockfish", "miscellaneous species", "animal food", and "reduction" by major area in 1984.

| Species | Major Area | | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|
| | 4B | 3C | 3D | 5A | 5B | 5C | 5D | 5E | |
| Other flatfish | | | | | | | | | |
| Flathead sole | 1.32 | - | - | - | - | - | - | - | 1.32 |
| Sand sole | 0.06 | 0.87 | - | - | - | - | - | - | 0.93 |
| Unspecified | 67.67 | 54.92 | 8.35 | 2.24 | 3.16 | 0.16 | 2.74 | - | 139.24 |
| Total | 69.05 | 55.79 | 8.35 | 2.24 | 3.16 | 0.16 | 2.74 | - | 141.49 |
| Other rockfish | | | | | | | | | |
| Black rockfish | - | - | - | - | - | - | 0.18 | - | 0.18 |
| Bocaccio | - | 14.91 | 50.08 | 42.52 | 35.87 | 14.05 | 9.56 | - | 166.99 |
| Canary rockfish | 0.59 | 307.30 | 882.39 | 215.57 | 297.70 | 68.91 | 4.73 | 12.67 | 1789.86 |
| Darkblotched rockfish | - | 0.17 | 0.04 | 0.47 | 25.62 | 2.42 | - | 18.10 | 46.82 |
| Greenstriped rockfish | - | 0.39 | 0.32 | - | - | - | - | - | 0.71 |
| Harlequin rockfish | - | - | - | - | - | - | - | 2.25 | 2.25 |
| Quillback rockfish | 0.07 | 0.07 | 0.06 | 2.90 | 0.10 | 0.46 | 1.65 | 0.04 | 5.35 |
| Redbanded rockfish | - | - | 9.93 | 4.53 | 75.18 | 18.26 | 5.01 | 15.95 | 128.86 |
| Redstripe rockfish | - | 14.24 | 29.42 | 5.05 | 85.68 | 12.86 | 0.05 | 259.30 | 406.60 |
| Rosethorn rockfish | - | 0.04 | 0.24 | - | - | 0.21 | - | 0.04 | 0.53 |
| Rougheye rockfish | - | - | 0.44 | 0.08 | 17.15 | 0.33 | 0.07 | 327.82 | 345.89 |
| Sharpchin rockfish | - | 1.59 | 10.93 | - | 33.95 | 8.59 | - | 48.81 | 103.87 |
| Shortraker rockfish | - | 0.22 | 0.44 | - | 2.15 | 0.06 | - | 19.52 | 22.39 |
| Shortspine thornyhead | - | - | - | - | 0.74 | 1.97 | 3.79 | 35.54 | 42.04 |
| Silvergray rockfish | 1.24 | 108.20 | 462.19 | 552.04 | 653.12 | 353.80 | 50.12 | 326.20 | 2506.91 |
| Splitnose rockfish | - | 2.66 | 8.89 | 0.89 | 105.68 | 3.12 | - | 17.09 | 138.33 |
| Widow rockfish | 0.08 | 4.31 | 5.24 | - | 18.75 | - | - | 11.46 | 39.84 |
| Yelloweye rockfish | - | - | 0.01 | 0.63 | 0.47 | - | 1.07 | 0.29 | 2.47 |
| Yellowmouth rockfish | - | 6.41 | 119.54 | 28.44 | 589.74 | 63.85 | - | 504.14 | 1312.12 |
| Yellowtail rockfish | 3.50 | 19.76 | 18.83 | 85.21 | 111.71 | 47.48 | 65.75 | 0.67 | 352.91 |
| Unspecified | 33.37 | 159.12 | 134.19 | 30.24 | 92.98 | 0.22 | 16.72 | 23.31 | 490.15 |
| Total | 38.85 | 639.39 | 1733.18 | 968.57 | 2146.59 | 596.59 | 158.70 | 1623.20 | 7905.07 |

Table 5 (cont'd)

| Species | Major Area 4B | 3C | 3D | 5A | 5B | 5C | 5D | 5E | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Miscellaneous species** | | | | | | | | | |
| Octopus | 0.70 | 0.22 | 0.06 | 0.26 | 0.17 | 0.73 | 4.36 | - | 6.50 |
| Perch | 0.85 | 0.10 | - | - | - | - | - | - | 0.95 |
| Skate | 14.38 | 10.04 | 0.04 | 7.32 | 8.42 | 1.15 | 113.21 | 0.27 | 154.83 |
| Squid | 1.30 | 0.44 | 0.14 | - | - | - | 0.27 | 1.92 | 4.07 |
| Sturgeon | 0.05 | 1.18 | 0.26 | 0.05 | 0.01 | - | - | - | 1.55 |
| Unspecified | 0.66 | 0.38 | - | - | - | - | 0.54 | - | 1.58 |
| Total | 17.94 | 12.36 | 0.50 | 7.63 | 8.60 | 1.88 | 118.38 | 2.19 | 169.48 |
| **Animal food** | | | | | | | | | |
| Dover sole | - | - | - | - | - | - | - | 0.08 | 0.08 |
| English sole | - | - | - | - | - | - | 0.41 | - | 0.41 |
| Pollock | - | - | - | - | - | - | 7.02 | - | 7.02 |
| Rex sole | - | - | - | - | - | - | - | 0.04 | 0.04 |
| Rockfish | - | - | - | 10.68 | - | 7.18 | - | 7.98 | 25.84 |
| Turbot | - | - | - | - | - | - | - | 3.57 | 3.57 |
| Unspecified | 0.18 | - | - | 1.29 | 15.04 | 11.74 | 59.70 | 36.04 | 123.99 |
| Total | 0.18 | - | - | 11.97 | 15.04 | 18.92 | 67.13 | 47.71 | 160.95 |
| **Reduction** | | | | | | | | | |
| Dover sole | - | - | - | - | - | - | 12.83 | - | 12.83 |
| Pacific ocean perch | - | - | - | - | 27.30 | 12.72 | - | 25.64 | 65.66 |
| Other rockfish | - | - | 10.63 | 1.42 | 9.17 | - | - | 19.31 | 40.53 |
| Rex sole | - | - | - | - | - | - | 5.48 | - | 5.48 |
| Unspecified | 0.01 | 7.85 | 18.04 | 5.71 | 55.43 | 4.18 | 5.03 | 23.06 | 119.31 |
| Total | 0.01 | 7.85 | 28.67 | 7.13 | 91.90 | 16.90 | 23.34 | 68.01 | 243.81 |

Table 6. British Columbia trawl landings (t) by species and minor area in 1984.

| Species | Minor Area | | | | |
|---|---|---|---|---|---|
| | 12 | 13 | 14 | 17 | 18 |
| English sole | 0.38 | 0.53 | 4.14 | 0.16 | 8.03 |
| Rock sole | 0.21 | 0.36 | 0.49 | 0.07 | 0.37 |
| Petrale sole | - | - | - | - | - |
| Dover sole | - | - | - | - | 0.02 |
| Rex sole | - | - | - | - | - |
| Flathead sole | 1.20 | - | - | - | - |
| Sand sole | - | - | - | - | - |
| Turbot | - | - | - | - | - |
| Starry flounder | 4.66 | 0.25 | 2.86 | 1.24 | 0.77 |
| Other flatfish | 1.27 | 0.02 | 4.99 | 15.24 | 32.41 |
| Pacific cod | 1.67 | 10.25 | 30.34 | 30.42 | 94.22 |
| Lingcod | 0.01 | - | 0.51 | 0.53 | 4.21 |
| Sablefish | - | - | - | - | 0.24 |
| Pollock | - | 23.15 | 0.91 | 64.63 | 66.18 |
| Pacific ocean perch | - | - | - | - | - |
| Bocaccio | - | - | - | - | - |
| Canary rockfish | - | - | - | - | - |
| Redstripe rockfish | - | - | - | - | - |
| Rougheye rockfish | - | - | - | - | - |
| Silvergray rockfish | - | - | - | - | - |
| Yellowmouth rockfish | - | - | - | - | - |
| Yellowtail rockfish | - | - | - | - | - |
| Widow rockfish | - | - | - | - | - |
| Other rockfish | 0.10 | - | 1.14 | 1.83 | 15.37 |
| Hake | - | - | 326.90 | 3328.50 | 0.94 |
| Octopus | - | 0.01 | 0.08 | - | 0.29 |
| Perch | - | - | 0.05 | - | 0.80 |
| Skate | 0.29 | 0.01 | 0.53 | 0.62 | 4.99 |
| Squid | - | - | - | - | 1.30 |
| Sturgeon | - | - | - | - | - |
| Misc. species | - | - | - | - | 0.45 |
| Dogfish | - | 49.57 | 12.73 | 23.79 | 159.09 |
| Reduction | - | - | - | - | - |
| Animal food | - | - | - | - | - |
| Total | 9.79 | 84.15 | 385.67 | 3467.03 | 389.68 |
| Crab | - | - | - | 0.02 | 0.05 |
| Dumped fish | - | - | - | - | - |
| Discards | - | 1.36 | 8.16 | 1.81 | - |

Table 6 (cont'd)

| Species | Minor Area 19 | 20 | 29 | 21 | 23 |
|---|---|---|---|---|---|
| English sole | 5.00 | 27.30 | 0.44 | 12.56 | 64.27 |
| Rock sole | 2.93 | 2.75 | - | 7.09 | 75.97 |
| Petrale sole | 2.97 | 4.61 | - | 17.85 | 172.08 |
| Dover sole | 1.11 | 49.79 | - | 7.59 | 28.32 |
| Rex sole | - | - | - | - | 0.48 |
| Flathead sole | - | 0.12 | - | - | - |
| Sand sole | - | 0.06 | - | 0.15 | 0.72 |
| Turbot | 3.80 | 4.59 | - | 6.01 | 21.25 |
| Starry flounder | 0.03 | - | - | 0.01 | 6.07 |
| Other flatfish | 5.02 | 8.44 | 0.28 | 5.19 | 47.76 |
| Pacific cod | 376.35 | 106.87 | 1.16 | 140.72 | 479.49 |
| Lingcod | 19.12 | 18.19 | 0.07 | 30.86 | 1564.12 |
| Sablefish | 0.14 | 1.85 | - | 0.93 | 99.47 |
| Pollock | 0.01 | 2.00 | - | 3.53 | 1.56 |
| Pacific ocean perch | - | - | - | 0.74 | 185.89 |
| Bocaccio | - | - | - | 0.18 | 8.18 |
| Canary rockfish | - | 0.59 | - | 3.36 | 156.11 |
| Redstripe rockfish | - | - | - | - | 6.67 |
| Rougheye rockfish | - | - | - | - | - |
| Silvergray rockfish | - | 1.23 | - | 0.29 | 56.21 |
| Yellowmouth rockfish | - | - | - | - | 3.04 |
| Yellowtail rockfish | 0.23 | 3.27 | - | 3.00 | 16.40 |
| Widow rockfish | - | 0.08 | - | - | 4.32 |
| Other rockfish | 7.45 | 7.12 | 0.44 | 3.14 | 149.26 |
| Hake | - | - | 943.14 | - | - |
| Octopus | 0.22 | 0.08 | 0.02 | 0.09 | 0.13 |
| Perch | - | - | - | - | 0.10 |
| Skate | 2.52 | 5.16 | 0.26 | 1.78 | 7.52 |
| Squid | - | - | - | - | 0.10 |
| Sturgeon | 0.04 | 0.01 | - | 0.24 | 0.94 |
| Misc. species | - | 0.21 | - | - | 0.38 |
| Dogfish | 21.25 | 0.49 | 32.56 | - | 429.34 |
| Reduction | - | 0.01 | - | - | 4.06 |
| Animal food | 0.17 | 0.01 | - | - | - |
| Total | 448.36 | 244.83 | 978.37 | 245.31 | 3590.21 |
| Crab | 0.13 | 0.08 | - | 0.11 | - |
| Dumped fish | 0.49 | - | - | 0.50 | 5.10 |
| Discards | 0.45 | - | - | 71.21 | 499.91 |

Table 6 (cont'd)

| Species | Minor Area | | | | | |
|---|---|---|---|---|---|---|
| | 24 | 25 | 26 | 27 | 9 | 11 |
| English sole | 6.16 | 1.56 | 0.97 | 0.63 | - | 9.87 |
| Rock sole | 4.64 | 5.91 | 0.56 | 5.27 | - | 142.22 |
| Petrale sole | 24.54 | 57.33 | 3.05 | 16.50 | - | 39.81 |
| Dover sole | 14.79 | 45.19 | 0.54 | 2.91 | 0.28 | 18.50 |
| Rex sole | - | - | - | - | - | 0.02 |
| Flathead sole | - | - | - | - | - | - |
| Sand sole | - | - | - | - | - | - |
| Turbot | 18.67 | 3.13 | - | - | - | 32.39 |
| Starry flounder | - | 2.32 | 0.02 | - | - | 0.01 |
| Other flatfish | 1.97 | 3.40 | 0.07 | 4.88 | - | 2.24 |
| Pacific cod | 22.31 | 25.11 | 1.54 | 5.34 | - | 232.24 |
| Lingcod | 142.06 | 210.71 | 23.54 | 87.58 | - | 261.00 |
| Sablefish | 7.16 | 3.46 | 0.56 | 8.37 | - | 3.90 |
| Pollock | - | - | - | - | - | 11.42 |
| Pacific ocean perch | 219.98 | 144.57 | 28.49 | 164.35 | - | 112.79 |
| Bocaccio | 6.54 | 30.47 | 4.99 | 14.64 | - | 42.52 |
| Canary rockfish | 147.83 | 376.34 | 114.73 | 391.31 | - | 215.58 |
| Redstripe rockfish | 7.58 | 20.33 | 0.21 | 8.89 | - | 5.04 |
| Rougheye rockfish | - | - | - | 0.44 | - | 0.08 |
| Silvergray rockfish | 51.69 | 205.64 | 99.21 | 157.32 | - | 552.05 |
| Yellowmouth rockfish | 3.38 | 5.19 | 0.41 | 113.94 | - | 28.44 |
| Yellowtail rockfish | 0.36 | 8.57 | 9.40 | 0.86 | - | 85.21 |
| Widow rockfish | - | 0.22 | 5.02 | - | - | - |
| Other rockfish | 11.85 | 81.50 | 35.52 | 48.03 | - | 39.65 |
| Hake | - | - | - | - | - | - |
| Octopus | - | 0.02 | 0.01 | 0.03 | - | 0.26 |
| Perch | - | - | - | - | - | - |
| Skate | 0.74 | - | 0.01 | 0.03 | - | 7.32 |
| Squid | 0.34 | 0.14 | - | - | - | - |
| Sturgeon | - | 0.24 | - | 0.02 | - | 0.05 |
| Misc. species | - | - | - | - | - | - |
| Dogfish | 26.13 | 2.70 | - | - | - | 44.81 |
| Reduction | 3.79 | 15.35 | 10.26 | 3.06 | - | 7.13 |
| Animal food | - | - | - | - | - | 11.97 |
| Total | 722.51 | 1249.40 | 339.11 | 1034.40 | 0.28 | 1906.52 |
| Crab | - | - | - | - | - | - |
| Dumped fish | - | - | - | - | - | - |
| Discards | 36.74 | 1.90 | - | 2.27 | - | 101.51 |

Table 6 (cont'd)

| Species | Minor Area | | | | | |
|---|---|---|---|---|---|---|
| | 8 | 2BE | 5L | 6 | 1E | 2AE |
| English sole | 6.68 | 45.96 | 4.97 | 1.85 | 4.76 | - |
| Rock sole | 87.38 | 51.05 | 12.59 | - | 25.98 | 0.57 |
| Petrale sole | 39.00 | 8.80 | 2.92 | - | 1.93 | - |
| Dover sole | 38.96 | 6.89 | 0.92 | - | 4.71 | - |
| Rex sole | 0.15 | 0.88 | 0.11 | - | 1.62 | - |
| Flathead sole | - | - | - | - | - | - |
| Sand sole | - | - | - | - | - | - |
| Turbot | 62.18 | 1.56 | 10.33 | - | 1.51 | - |
| Starry flounder | - | 0.25 | - | - | 9.81 | - |
| Other flatfish | 3.16 | 0.16 | - | - | - | - |
| Pacific cod | 150.29 | 184.64 | 27.21 | 2.58 | 13.85 | 2.26 |
| Lingcod | 454.92 | 17.92 | 4.27 | 1.03 | 1.88 | - |
| Sablefish | 6.69 | 0.82 | 0.37 | 0.01 | 0.73 | - |
| Pollock | 7.18 | 0.01 | 1.59 | - | 143.10 | - |
| Pacific ocean perch | 2416.92 | 399.02 | 11.97 | - | 0.59 | - |
| Bocaccio | 35.88 | 0.42 | 13.62 | - | - | - |
| Canary rockfish | 297.70 | 51.84 | 17.08 | - | 0.13 | - |
| Redstripe rockfish | 85.68 | 5.16 | 7.69 | - | 0.05 | - |
| Rougheye rockfish | 17.15 | 0.33 | - | - | - | - |
| Silvergray rockfish | 653.12 | 192.01 | 155.42 | 6.38 | 0.70 | - |
| Yellowmouth rockfish | 589.73 | 63.84 | - | - | - | - |
| Yellowtail rockfish | 111.71 | 26.52 | 14.58 | 6.38 | 11.13 | - |
| Widow rockfish | 18.75 | - | - | - | - | - |
| Other rockfish | 336.87 | 29.83 | 5.49 | - | 0.71 | - |
| Hake | - | - | - | - | - | - |
| Octopus | 0.17 | 0.70 | 0.01 | 0.02 | 0.08 | - |
| Perch | - | - | - | - | - | - |
| Skate | 8.42 | 1.00 | 0.15 | - | 3.83 | - |
| Squid | - | - | - | - | 0.27 | - |
| Sturgeon | 0.01 | - | - | - | - | - |
| Misc. species | - | - | - | - | - | - |
| Dogfish | 8.77 | 15.20 | - | - | 0.09 | - |
| Reduction | 91.90 | 13.67 | 3.23 | - | - | - |
| Animal food | 15.04 | 10.26 | 8.66 | - | 3.61 | - |
| Total | 5544.41 | 1128.74 | 303.18 | 18.25 | 231.07 | 2.83 |
| Crab | - | - | - | - | - | - |
| Dumped fish | - | - | - | - | - | - |
| Discards | 89.45 | 98.88 | 92.31 | - | 23.14 | - |

Table 6 (cont'd)

| Species | Minor Area | | | | | |
|---|---|---|---|---|---|---|
| | 4 | 5U | 1W | 2AW | 2BW | Total |
| English sole | 510.93 | 89.55 | 4.81 | 0.01 | - | 811.52 |
| Rock sole | 73.61 | 24.33 | 0.87 | - | 0.23 | 525.45 |
| Petrale sole | 1.53 | 8.59 | 5.65 | 9.80 | 0.06 | 417.02 |
| Dover sole | 616.87 | 8.57 | 236.22 | 65.80 | 0.23 | 1148.21 |
| Rex sole | 181.69 | 3.55 | 30.57 | 0.07 | - | 219.14 |
| Flathead sole | - | - | - | - | - | 1.32 |
| Sand sole | - | - | - | - | - | 0.93 |
| Turbot | 187.63 | 11.17 | 4.00 | 0.68 | 0.10 | 369.00 |
| Starry flounder | 141.92 | 0.11 | - | - | - | 170.33 |
| Other flatfish | - | 2.74 | - | - | - | 139.24 |
| Pacific cod | 836.36 | 681.10 | 3.40 | 0.27 | 0.01 | 3460.00 |
| Lingcod | 101.55 | 18.54 | 8.03 | 0.37 | 0.41 | 2971.43 |
| Sablefish | 5.53 | 0.01 | 37.64 | 9.04 | 0.08 | 187.00 |
| Pollock | 469.86 | 4.65 | 0.01 | 0.01 | - | 799.80 |
| Pacific ocean perch | 10.78 | 0.06 | 2186.32 | 353.47 | 461.79 | 6697.73 |
| Bocaccio | 0.40 | 9.17 | - | - | - | 167.01 |
| Canary rockfish | 2.67 | 1.93 | 6.86 | 5.54 | 0.26 | 1789.86 |
| Redstripe rockfish | - | - | 110.84 | 143.17 | 5.28 | 406.59 |
| Rougheye rockfish | 0.07 | - | 226.97 | 96.77 | 4.08 | 345.89 |
| Silvergray rockfish | 8.28 | 41.15 | 248.34 | 74.79 | 3.08 | 2506.91 |
| Yellowmouth rockfish | - | - | 63.06 | 347.34 | 93.74 | 1312.11 |
| Yellowtail rockfish | 49.93 | 4.69 | 0.67 | - | - | 352.91 |
| Widow rockfish | - | - | 0.70 | 10.75 | - | 39.84 |
| Other rockfish | 20.15 | 7.54 | 124.74 | 44.20 | 12.02 | 983.95 |
| Hake | 0.02 | - | - | - | - | 4599.50 |
| Octopus | 1.53 | 2.75 | - | - | - | 6.50 |
| Perch | - | - | - | - | - | 0.95 |
| Skate | 86.16 | 23.22 | 0.27 | - | - | 154.83 |
| Squid | - | - | 1.56 | 0.36 | - | 4.07 |
| Sturgeon | - | - | - | - | - | 1.55 |
| Misc. species | 0.54 | - | - | - | - | 1.58 |
| Dogfish | 2.42 | 70.27 | - | - | - | 899.21 |
| Reduction | 22.21 | 1.13 | 19.31 | 43.20 | 5.50 | 243.81 |
| Animal food | 50.29 | 13.23 | 46.52 | 1.19 | - | 160.95 |
| Total | 3382.93 | 1028.05 | 3367.36 | 1206.83 | 586.87 | 31896.14 |
| Crab | - | - | - | - | - | 0.39 |
| Dumped fish | 1.29 | - | - | - | - | 7.38 |
| Discards | 1168.34 | 217.72 | 19.73 | - | - | 2443.50 |

Tables of monthly catch (t) by major area

Table 7. 1984 British Columbia trawl landings (t) of groundfish - International area 4B, Strait of Georgia.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | 1.12 | 2.71 | 1.88 | .39 | 2.94 | .96 | 1.50 | 12.89 | 10.81 | 7.26 | 2.79 | .73 | 45.98 |
| Rock sole | .70 | .50 | .31 | .36 | .06 | .07 | | | 2.81 | 2.37 | | | 7.18 |
| Petrale sole | .10 | .21 | | | 1.61 | .23 | .60 | 2.13 | 2.19 | .27 | .24 | | 7.58 |
| Dover sole | .01 | .25 | | | 4.14 | 2.92 | 6.51 | 21.47 | 9.06 | 6.49 | .07 | | 50.92 |
| Rex sole | | | | | | | | | | | | | |
| Starry flounder | 3.90 | .08 | 1.14 | .32 | .02 | .05 | .70 | | .04 | | .72 | 2.84 | 9.81 |
| Turbot | | .06 | | | .14 | .38 | .18 | 1.42 | .19 | 6.00 | | .02 | 8.39 |
| Other flatfish | 6.41 | 3.73 | 11.75 | 8.48 | 8.66 | 5.91 | 1.84 | 1.21 | 2.40 | 4.15 | 7.09 | 7.42 | 69.05 |
| Pacific cod | 61.22 | 90.26 | 38.70 | 28.15 | 49.03 | 35.99 | 5.94 | 19.86 | 77.37 | 133.25 | 72.47 | 39.04 | 651.28 |
| Lingcod | .37 | .28 | | .88 | 1.58 | 3.12 | .66 | 9.76 | 10.82 | 8.56 | 5.82 | .79 | 42.64 |
| Sablefish | .01 | .04 | | | .01 | .12 | .01 | .93 | .97 | .14 | | | 2.23 |
| Pollock | .07 | .06 | 8.28 | 56.37 | .91 | | | .07 | | 1.93 | | 89.19 | 156.88 |
| Hake | 21.94 | 156.05 | 865.25 | 775.79 | 1429.19 | 343.11 | .07 | .05 | 76.45 | 616.28 | 293.23 | 22.07 | 4599.48 |
| Ocean perch | | | | | | | | | | | | | |
| Other rockfish | 2.34 | 1.94 | 1.83 | 2.50 | 2.39 | 2.87 | 2.35 | 2.87 | 5.54 | 4.38 | 1.78 | 8.06 | 38.85 |
| Misc. species | 1.07 | .97 | 1.93 | 1.28 | 1.74 | 1.33 | 1.15 | .82 | 1.84 | 2.69 | 1.59 | 1.53 | 17.94 |
| Dogfish | | 1.91 | 23.88 | 16.27 | 38.82 | 25.40 | 23.98 | 43.42 | 43.91 | 28.91 | 34.79 | 18.19 | 299.48 |
| Animal food | | .01 | | .17 | | | | | | | | | .18 |
| Reduction | .01 | | | | | | | | | | | | .01 |
| Total | 99.27 | 259.06 | 954.95 | 890.96 | 1541.24 | 422.46 | 45.49 | 116.90 | 244.40 | 822.68 | 420.59 | 189.88 | 6007.88 |

Table 8. 1984 British Columbia trawl landings (t) of groundfish - International area 3C, southwest coast Vancouver Is.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .06 | 2.58 | 2.75 | 1.17 | 8.24 | 11.94 | 8.88 | 14.65 | 19.96 | 12.65 | .09 | .02 | 82.99 |
| Rock sole | | 4.27 | 7.88 | 7.79 | 15.22 | 14.69 | 14.31 | 9.49 | 8.51 | 5.54 | | | 87.70 |
| Petrale sole | .44 | 10.08 | .42 | .63 | 20.42 | 65.47 | 36.28 | 47.67 | 21.97 | 10.65 | .08 | .36 | 214.47 |
| Dover sole | .05 | 3.80 | .08 | .24 | 5.54 | 6.74 | 4.69 | 11.57 | 2.48 | 15.51 | | | 50.70 |
| Rex sole | | | | .48 | | | | | | | | | .48 |
| Starry flounder | | .27 | .02 | .26 | 2.71 | .08 | 1.59 | .43 | .63 | .09 | | | 6.08 |
| Turbot | | | | .12 | 3.96 | 3.25 | 20.27 | 12.86 | 3.49 | 1.98 | | | 45.93 |
| Other flatfish | .40 | 3.66 | .75 | 2.96 | 3.30 | 7.87 | 8.39 | 6.22 | 19.23 | 1.16 | 1.85 | | 55.79 |
| Pacific cod | 11.85 | 136.06 | 141.83 | 40.27 | 176.88 | 38.92 | 23.78 | 24.09 | 27.97 | 16.84 | 2.96 | 1.07 | 642.52 |
| Lingcod | 1.67 | 1.64 | 1.59 | 4.51 | 41.19 | 414.04 | 496.39 | 509.97 | 170.76 | 94.96 | .23 | .09 | 1737.04 |
| Sablefish | .05 | .22 | | .55 | 15.06 | 34.07 | 21.04 | 33.83 | 2.74 | | | | 107.56 |
| Pollock | | .81 | | | .25 | 1.43 | | | .34 | 2.26 | | | 5.09 |
| Hake | | | | | | | | | | | | | |
| Ocean perch | 3.60 | 11.39 | 4.92 | 62.93 | 52.27 | 57.11 | 124.76 | .07 | 26.70 | 38.93 | | 23.93 | 406.61 |
| Other rockfish | 60.29 | 23.45 | 5.22 | 48.82 | 70.74 | 96.49 | 108.48 | 81.99 | 49.99 | 89.21 | 4.71 | | 639.39 |
| misc. species | | .95 | .88 | .92 | 3.08 | 2.67 | 1.30 | 1.22 | .58 | .73 | .03 | | 12.36 |
| Dogfish | | 45.64 | 195.36 | 63.55 | 22.13 | 40.68 | 5.96 | 38.56 | 21.93 | 21.66 | | | 455.47 |
| Animal food | | | | | | | | | | | | | |
| Reduction | 3.79 | | | | .07 | 1.89 | 1.29 | .58 | .07 | .16 | | | 7.85 |
| Total | 82.20 | 244.82 | 361.70 | 235.20 | 441.06 | 797.34 | 877.41 | 793.20 | 377.35 | 312.33 | 9.95 | 25.47 | 4558.03 |

Table 9. 1984 British Columbia trawl landings (t) of groundfish - International area 3D, northwest coast Vancouver Is.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .35 | .47 | .02 | .03 | .68 | 1.03 | .53 | .05 | | | | | 3.16 |
| Rock sole | .31 | .18 | | .06 | 5.49 | .66 | 3.93 | .58 | .05 | | | .48 | 11.74 |
| Petrale sole | .18 | 1.03 | 5.16 | 22.93 | 22.80 | 20.72 | 2.81 | .66 | | .03 | .28 | .28 | 76.88 |
| Dover sole | | | 12.15 | 20.99 | 11.71 | .61 | .74 | 1.81 | | | .63 | | 48.64 |
| Rex sole | | | | | | | | | | | | | |
| Starry flounder | | 2.32 | | | .02 | | | | | | | | 2.34 |
| Turbot | | | | 3.08 | .05 | | | | | | | | 3.13 |
| Other flatfish | .05 | .46 | .03 | 1.37 | 3.16 | 1.03 | 1.66 | .59 | | | | | 8.35 |
| Pacific cod | 1.30 | 11.69 | .04 | 2.29 | 10.13 | 1.06 | 1.80 | 1.11 | | | .11 | 2.46 | 31.99 |
| Lingcod | 1.23 | 1.23 | 1.67 | 12.10 | 168.42 | 82.07 | 45.84 | 7.36 | 1.14 | | .45 | .32 | 321.83 |
| Sablefish | | .01 | | .88 | 2.50 | 6.21 | .92 | 1.87 | | | | | 12.39 |
| Pollock | | | | | | | | | | | | | |
| Hake | | | | | | | | | | | | | |
| Ocean perch | | 3.16 | 5.45 | 16.01 | 63.18 | 70.97 | 19.07 | | 1.27 | 43.73 | 104.95 | 9.62 | 337.41 |
| Other rockfish | 60.24 | 69.38 | 34.71 | 169.55 | 666.89 | 151.64 | 263.30 | 174.99 | | 9.12 | 108.95 | 24.41 | 1733.18 |
| Misc. species | .20 | | | .01 | .06 | .16 | .01 | .01 | | | | .05 | .50 |
| Dogfish | 1.96 | .74 | | | | | | | | | | | 2.70 |
| Animal food | | | | | | | | | | | | | |
| Reduction | | 5.88 | | | 13.57 | 4.47 | | | | | | 4.75 | 28.67 |
| Total | 65.82 | 96.55 | 59.23 | 249.30 | 968.66 | 340.63 | 340.61 | 189.03 | 2.46 | 52.88 | 215.37 | 42.37 | 2622.91 |

Table 10. 1984 British Columbia trawl landings (t) of groundfish - International area 5A, south Queen Charlotte Sound.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .39 | | | 1.22 | 2.42 | .42 | .65 | .61 | 1.61 | 1.89 | .58 | .08 | 9.87 |
| Rock sole | | | .14 | .04 | 36.80 | 69.19 | 15.69 | 11.14 | 3.59 | 5.63 | | | 142.22 |
| Petrale sole | | | | 1.38 | 6.00 | 5.70 | 3.98 | 5.49 | 7.39 | 7.88 | 1.80 | .19 | 39.81 |
| Dover sole | | .01 | | | .28 | 1.29 | 8.63 | 5.28 | 2.13 | 1.13 | | .03 | 18.78 |
| Rex sole | | | | | | | | | | .01 | | .01 | .02 |
| Starry flounder | | | | | | .01 | | | | | | | .01 |
| Turbot | | | | | | 2.27 | 10.84 | | 10.52 | 8.74 | | .02 | 32.39 |
| Other flatfish | | | | .37 | | 1.57 | .12 | | .18 | | | | 2.24 |
| Pacific cod | 1.50 | .91 | .05 | 11.39 | 29.71 | 29.02 | 31.75 | 24.74 | 37.32 | 47.60 | 16.60 | 1.65 | 232.24 |
| Lingcod | .20 | .04 | .23 | 3.35 | 18.34 | 41.98 | 65.58 | 77.88 | 35.76 | 14.83 | 2.36 | .45 | 261.00 |
| Sablefish | | .03 | | | .01 | .03 | 1.26 | 2.02 | .55 | | | | 3.90 |
| Pollock | | | | .02 | .02 | .02 | 1.68 | .02 | 4.69 | 3.71 | .39 | .87 | 11.42 |
| Hake | | | | | | | | | | | | | |
| Ocean perch | | 39.28 | | | .29 | | | 18.86 | 44.78 | .40 | 5.20 | 3.98 | 112.79 |
| Other rockfish | 3.37 | 28.18 | 13.06 | 90.23 | 112.36 | 81.32 | 76.17 | 107.78 | 157.37 | 155.48 | 78.43 | 64.82 | 968.57 |
| Misc. species | .18 | | | .11 | 1.49 | 2.32 | .65 | .58 | .68 | 1.45 | | .17 | 7.63 |
| Dogfish | | | | | 24.54 | | | | | 13.44 | 6.83 | | 44.81 |
| Animal food | | | | | | .66 | | | | | | 11.31 | 11.97 |
| Reduction | | 1.12 | | 3.01 | | | | | 1.58 | | 1.42 | | 7.13 |
| Total | 5.64 | 69.57 | 13.48 | 111.12 | 232.26 | 235.80 | 217.00 | 254.40 | 308.15 | 262.19 | 113.61 | 83.58 | 1906.80 |

Table 11. 1984 British Columbia trawl landings (t) of groundfish - International area 5B, north Queen Charlotte Sound.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | .04 | .23 | 1.57 | 1.51 | .52 | 1.74 | 1.07 | | | 6.68 |
| Rock sole | .16 | | | .01 | 4.08 | 5.66 | 7.98 | 31.61 | 33.12 | 4.76 | | | 87.38 |
| Petrale sole | .46 | 4.47 | 2.96 | 3.69 | 4.41 | 9.55 | 4.89 | 1.64 | 5.32 | 1.07 | .38 | .16 | 39.00 |
| Dover sole | .10 | .17 | .10 | 16.72 | 3.40 | 10.05 | 3.80 | 2.05 | .92 | 1.65 | | | 38.96 |
| Rex sole | | | | .03 | | | | | | .12 | | | .15 |
| Starry flounder | | | | | | | | | | | | | |
| Turbot | | .16 | | 1.39 | 20.62 | 18.25 | 8.14 | .05 | 3.84 | 9.73 | | | 62.18 |
| Other flatfish | | | | 2.42 | .74 | | | | | | | | 3.16 |
| Pacific cod | .13 | | .04 | .77 | 18.86 | 80.97 | 16.33 | 7.26 | 15.73 | 5.93 | 4.24 | .03 | 150.29 |
| Lingcod | .23 | 1.88 | .07 | 2.98 | 43.24 | 206.56 | 73.69 | 32.59 | 83.49 | 9.85 | | .34 | 454.92 |
| Sablefish | .24 | .07 | .23 | .38 | .63 | 2.91 | .44 | 1.27 | .49 | .03 | | | 6.69 |
| Pollock | .49 | | | | | 3.05 | 2.36 | .11 | .54 | .63 | | | 7.18 |
| Hake | | | | | | | | | | | | | |
| Ocean perch | 122.06 | 329.16 | 384.08 | 242.06 | 865.43 | 77.67 | 13.57 | 91.04 | 7.50 | 239.58 | | 44.77 | 2416.92 |
| Other rockfish | 223.13 | 188.33 | 251.61 | 126.89 | 308.68 | 506.28 | 82.10 | 62.77 | 110.04 | 140.48 | 69.92 | 76.36 | 2146.59 |
| Misc. species | | | | .03 | 1.05 | 2.97 | 4.44 | .01 | .02 | .02 | | .06 | 8.60 |
| Dogfish | | | | | 8.77 | | | | | | | | 8.77 |
| Animal food | .61 | .18 | | 4.63 | 9.23 | | | | | .39 | | | 15.04 |
| Reduction | 5.52 | 5.89 | 11.80 | 1.42 | 19.71 | 25.14 | 5.04 | 4.97 | .22 | 12.19 | | | 91.90 |
| Total | 353.13 | 530.31 | 650.89 | 403.46 | 1309.08 | 950.63 | 224.29 | 235.89 | 262.97 | 427.50 | 74.54 | 121.72 | 5544.41 |

Table 12. 1984 British Columbia trawl landings (t) of groundfish - international area 5C, south Hecate Strait.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .63 | .38 | 2.20 | 4.60 | 4.85 | 3.19 | 1.69 | .94 | 6.40 | 26.74 | 1.16 | | 52.78 |
| Rock sole | .73 | 1.37 | 5.71 | 3.94 | 12.87 | .32 | 7.63 | 7.76 | 3.54 | 15.98 | 3.79 | | 63.64 |
| Petrale sole | .06 | | | .35 | 1.20 | .16 | 1.92 | .22 | .45 | 3.54 | 3.82 | | 11.72 |
| Dover sole | | | | | 1.22 | 3.77 | | | 1.19 | 1.61 | .02 | | 7.81 |
| Rex sole | | | | | | | | | .20 | .24 | .55 | | .99 |
| Starry flounder | | | .25 | | | | | | | | | | .25 |
| Turbot | | | | | .32 | | 1.24 | | .74 | 9.59 | | | 11.89 |
| Other flatfish | | | .16 | | | | | | | | | | .16 |
| Pacific cod | 21.99 | 22.72 | 61.26 | 23.46 | 2.05 | 17.81 | 15.56 | 2.69 | 3.21 | 27.09 | 16.59 | | 214.43 |
| Lingcod | .27 | .08 | .21 | .90 | 1.01 | 1.92 | 2.58 | 3.84 | 2.23 | 7.13 | 3.05 | | 23.22 |
| Sablefish | | | | | .56 | .09 | .30 | .13 | .11 | .01 | | | 1.20 |
| Pollock | | | | | | | | | 1.59 | .01 | | | 1.60 |
| Hake | | | | | | | | | | | | | |
| Ocean perch | | 4.47 | 13.64 | 33.90 | 46.45 | 41.85 | .04 | 2.46 | .06 | 268.12 | | | 410.99 |
| Other rockfish | .01 | .18 | 20.09 | 23.76 | 30.07 | 33.48 | 92.62 | 107.52 | 92.03 | 152.60 | 32.75 | 11.48 | 596.59 |
| Misc. species | .08 | .16 | .39 | .01 | .05 | .44 | .19 | .35 | .16 | .05 | | | 1.88 |
| Dogfish | | | | | 15.20 | | | | | | | | 15.20 |
| Animal food | | | | | | 9.39 | .32 | .13 | .86 | 8.22 | | | 18.92 |
| Reduction | | | | | 2.63 | .40 | | | .33 | 13.54 | | | 16.90 |
| Total | 23.77 | 29.36 | 103.91 | 90.92 | 118.48 | 112.82 | 124.09 | 126.04 | 113.10 | 534.47 | 61.73 | 11.48 | 1450.17 |

Table 13. 1984 British Columbia trawl landings (t) of groundfish - international area 5D, north Hecate Strait.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | 50.50 | 20.46 | 41.86 | 78.31 | 123.13 | 59.54 | 91.41 | 64.22 | 22.60 | 11.66 | 29.05 | 12.50 | 605.24 |
| Rock sole | 11.69 | 38.29 | 14.00 | 11.24 | 18.70 | 8.74 | 5.75 | 3.97 | 5.14 | 1.26 | 3.36 | 2.35 | 124.49 |
| Petrale sole | .62 | .20 | .72 | 1.69 | 1.55 | .67 | .04 | .05 | .21 | 1.58 | 3.21 | 1.51 | 12.05 |
| Dover sole | .12 | | .17 | 4.58 | 8.29 | 69.42 | 153.23 | 200.01 | 164.21 | 29.19 | .93 | | 630.15 |
| Rex sole | 1.85 | .49 | .67 | 1.66 | 3.93 | 8.34 | 67.02 | 56.15 | 37.30 | 4.92 | 3.89 | .64 | 186.86 |
| Starry flounder | .75 | 12.89 | .02 | .50 | 30.82 | 12.61 | 20.30 | 35.35 | 16.43 | .04 | 22.12 | .01 | 151.84 |
| Turbot | 1.64 | .84 | 3.61 | 1.17 | 12.76 | 21.78 | 40.72 | 57.37 | 35.98 | 14.76 | 9.50 | .18 | 200.31 |
| Other flatfish | | | | 2.74 | | | | | | | | | 2.74 |
| Pacific cod | 148.62 | 113.73 | 165.77 | 201.99 | 215.49 | 118.82 | 263.78 | 111.40 | 36.70 | 14.47 | 93.66 | 49.14 | 1533.57 |
| Lingcod | 14.69 | 2.25 | 1.69 | 3.17 | 10.84 | 13.58 | 32.53 | 14.90 | 8.25 | 2.86 | 13.12 | 4.09 | 121.97 |
| Sablefish | | | .74 | | .30 | .45 | 1.89 | 1.53 | 1.36 | | | | 6.27 |
| Pollock | 169.01 | 141.50 | 4.02 | 5.87 | 13.13 | 13.53 | | | | 1.66 | 68.43 | 200.46 | 617.61 |
| Hake | .02 | | | | | | | | | | | | .02 |
| Ocean perch | | | | | | 3.49 | .16 | .88 | .62 | 5.90 | .38 | | 11.43 |
| Other rockf. | 5.47 | 9.53 | 1.13 | 2.96 | 10.45 | 18.56 | 9.16 | 9.16 | 9.74 | 23.78 | 33.12 | 25.64 | 158.70 |
| Misc. species | 17.11 | 11.86 | 10.43 | 8.39 | 9.40 | 9.16 | 13.59 | 19.33 | 12.49 | 1.17 | 5.05 | .40 | 118.38 |
| Dogfish | | .09 | | 21.24 | 2.42 | | | | | 49.03 | | | 72.78 |
| Animal food | 5.34 | 19.43 | 1.20 | 9.27 | 11.87 | 3.90 | 8.08 | 2.96 | 2.63 | .14 | .65 | 1.66 | 67.13 |
| Reduction | | | .79 | .04 | | 3.90 | | 18.31 | | | .30 | | 23.34 |
| Total | 427.43 | 371.56 | 246.[illegible] | 354.82 | 473.08 | 366.49 | 707.66 | 595.59 | 353.66 | 162.42 | 286.77 | 298.58 | 4644.88 |

Table 14. 1984 British Columbia trawl landings (t) of groundfish - International area 5E, west coast Queen Charlotte Is.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | 1.17 | | 3.63 | .01 | | | | .01 | | 4.82 |
| Rock sole | | | | .03 | | .84 | .23 | | | | | | 1.10 |
| Petrale sole | 1.07 | 1.41 | 7.66 | 2.66 | 2.57 | .04 | | | | | .09 | .01 | 15.51 |
| Dover sole | 39.11 | 4.01 | 62.55 | 124.15 | 65.01 | 1.49 | .99 | | .15 | | 2.22 | 2.57 | 302.25 |
| Rex sole | | .07 | .51 | 18.30 | 8.60 | 2.58 | | | | | .38 | .20 | 30.64 |
| Starry flounder | | | | | | | | | | | | | |
| Turbot | | | | 3.51 | .08 | .04 | .07 | | | | .78 | .30 | 4.78 |
| Other flatfish | | | | | | | | | | | | | |
| Pacific cod | | | .01 | .16 | .18 | 1.14 | .15 | | .01 | | 1.81 | .22 | 3.68 |
| Lingcod | .11 | | .04 | .29 | .11 | .74 | .27 | | .38 | | 5.57 | 1.30 | 8.81 |
| Sablefish | 6.15 | 2.56 | 7.01 | 15.95 | 8.59 | 5.36 | 1.12 | | .02 | | | | 46.76 |
| Pollock | | | | .01 | | .01 | | | | | | | .02 |
| Hake | | | | | | | | | | | | | |
| Ocean perch | 55.47 | 42.91 | 203.45 | 407.03 | 629.23 | 717.13 | 240.69 | 114.06 | 154.92 | 51.27 | 263.53 | 121.89 | 3001.58 |
| Other rockfish | 132.05 | 86.50 | 308.98 | 173.63 | 289.81 | 264.67 | 132.34 | | 41.47 | 34.51 | 114.47 | 44.77 | 1623.20 |
| Misc. species | .26 | .08 | .08 | .80 | .41 | .37 | .03 | | | | .05 | .11 | 2.19 |
| Dogfish | | | | | | | | | | | | | |
| Animal food | .31 | .10 | 1.57 | 4.26 | 11.43 | 14.27 | 1.53 | | | .78 | 9.85 | 3.61 | 47.71 |
| Reduction | 3.07 | | .22 | | 31.17 | 21.93 | 7.65 | | 3.97 | | | | 68.01 |
| Total | 237.60 | 137.64 | 592.08 | 751.95 | 1047.19 | 1034.24 | 385.08 | 114.06 | 200.92 | 86.56 | 398.76 | 174.98 | 5161.06 |

Tables of monthly catch (t) by minor area

Table 15. 1984 British Columbia trawl landings (t) of groundfish from statistical area 12.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .20 | | | | | | | | | | | .18 | .38 |
| Rock sole | .21 | | | | | | | | | | | | .21 |
| Petrale sole | | | | | | | | | | | | | |
| Dover sole | | | | | | | | | | | | | |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | 1.20 | | | | | | | | | | | | 1.20 |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | 3.30 | | | | | | .70 | | | | | .66 | 4.66 |
| Other flatfish | | | | | | | .65 | | | | | .62 | 1.27 |
| Pacific cod | .58 | | | | | | .13 | | | | | .96 | 1.67 |
| Lingcod | | | | | | | .01 | | | | | | .01 |
| Sablefish | | | | | | | | | | | | | |
| Pollock | | | | | | | | | | | | | |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | | | | |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | .03 | | | | | | .02 | | | | | .05 | .10 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | | | | | | | | | | |
| Skate | .12 | | | | | | .06 | | | | | .11 | .29 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | | | | | | | | | |
| Animal food | | | | | | | | | | | | | |
| Total | 5.64 | | | | | | 1.57 | | | | | 2.58 | 9.79 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | | |

Table 16. 1984 British Columbia trawl landings (t) of groundfish from statistical area 13.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .19 | | | .20 | | | | | | | | | .53 |
| Rock sole | | | | .36 | | | | | | | | .14 | .36 |
| Petrale sole | | | | | | | | | | | | | |
| Dover sole | | | | | | | | | | | | | |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | .06 | | | .19 | | | | | | | | | .25 |
| Other flatfish | | | | | | | | | | | .02 | | .02 |
| Pacific cod | .60 | .16 | | 7.50 | | | | | | | 1.63 | .36 | 10.25 |
| Lingcod | | | | | | | | | | | | | |
| Sablefish | | | | | | | | | | | | 23.15 | 23.15 |
| Pollock | | | | | | | | | | | | | |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | | | | |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | | | | | | | | | | | | | |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | | | | | | | | .01 | .01 |
| Squid | | | | .01 | | | | | | | | | .01 |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | | | | | | 11.67 | 26.66 | 11.24 | 49.57 |
| Animal food | | | | | | | | | | | | | |
| Total | .85 | .16 | | 8.26 | | | | | | 11.67 | 28.31 | 34.90 | 84.15 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | 1.36 | 1.36 |

Table 17. 1984 British Columbia trawl landings (t) of groundfish from statistical area 14.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .26 | 1.80 | 1.79 | .16 | | | | | .13 | | | | 4.14 |
| Rock sole | .49 | | | | | | | | | | | | .49 |
| Petrale sole | | | | | | | | | | | | | |
| Dover sole | | | | | | | | | | | | | |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | .03 | | | | | .01 | | | .04 | | .60 | 2.18 | 2.86 |
| Other flatfish | .13 | 1.00 | | | .32 | .98 | | .27 | .43 | .46 | .48 | .92 | 4.99 |
| Pacific cod | 1.53 | 7.20 | 4.14 | .95 | 1.15 | 5.16 | 2.90 | 2.34 | .61 | .72 | 2.25 | 1.39 | 30.34 |
| Lingcod | | | | .07 | | .20 | | .09 | .15 | | | | .51 |
| Sablefish | | | | | | | | | | | | | |
| Pollock | | | | | .91 | | | | | | | | .91 |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | | | | |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | | .13 | | | .24 | .28 | | .07 | .12 | .10 | .15 | .05 | 1.14 |
| Hake | | | | | 225.53 | 101.37 | | | | | | | 326.90 |
| Octopus | .05 | .01 | .01 | .01 | | | | | | | | | .08 |
| Perch | | | | | | | | | | | | .05 | .05 |
| Skate | .05 | .02 | | .12 | .01 | .11 | | .06 | .03 | .04 | .04 | .05 | .53 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | .32 | | 7.15 | | | | .49 | 4.77 | 12.73 |
| Reduction | | | | | | | | | | | | | |
| Animal food | | | | | | | | | | | | | |
| Total | 2.54 | 10.16 | 5.94 | 1.31 | 228.48 | 108.11 | 10.05 | 2.83 | 1.51 | 1.32 | 4.01 | 9.41 | 385.67 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | 6.35 | | | 1.81 | | | | | | 8.16 |

Table 18. 1984 British Columbia trawl landings (t) of groundfish from statistical area 17.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | | | .10 | | | | | .06 | | .16 |
| Rock sole | | | | | | .07 | | | | | | | .07 |
| Petrale sole | | | | | | | | | | | | | |
| Dover sole | | | | | | | | | | | | | |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | .51 | .03 | .47 | .07 | | .04 | | | | | .12 | | 1.24 |
| Other flatfish | 1.02 | .75 | 2.69 | 2.70 | 4.44 | 1.93 | | | | .06 | | 1.65 | 15.24 |
| Pacific cod | 2.00 | 6.16 | 12.15 | 5.02 | 2.48 | .29 | | | | .10 | .15 | 2.07 | 30.42 |
| Lingcod | | | | .39 | | .10 | | | | .04 | | | .53 |
| Sablefish | | | | | | | | | | | | | |
| Pollock | | | 8.26 | 56.37 | | | | | | | | | 64.63 |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | | | | |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | .21 | .01 | .35 | .20 | .29 | .48 | | | | .05 | .03 | .21 | 1.83 |
| Hake | 21.92 | 155.96 | 415.46 | 386.45 | 1099.40 | 241.66 | | | 76.31 | 616.19 | 293.19 | 21.96 | 3328.50 |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | | | | | | | | | | |
| Skate | | .21 | .24 | .04 | .08 | .03 | | | | | | .02 | .62 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | 1.91 | .91 | 11.70 | .81 | | | | | 1.82 | 4.95 | 1.69 | 23.79 |
| Reduction | | | | | | | | | | | | | |
| Animal food | | | | | | | | | | | | | |
| Total | 25.66 | 165.03 | 440.53 | 462.94 | 1107.50 | 244.70 | | | 76.31 | 618.26 | 298.50 | 27.60 | 3467.03 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | .02 | | | | | | | .02 |
| Discards | | | | 1.81 | | | | | | | | | 1.81 |

Table 19. 1984 British Columbia trawl landings (t) of groundfish from statistical area 18.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .09 | .11 | .09 | .03 | .11 | .11 | .21 | 1.04 | 1.24 | 2.45 | 2.51 | .04 | 8.03 |
| Rock sole | | | .31 | | .06 | | | | | | | | .37 |
| Petrale sole | | | | | | | | | | | | | |
| Dover sole | | | | | | | | .02 | | | | | .02 |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | | .05 | .66 | .04 | .02 | | | | | | | | .77 |
| Other flatfish | 2.54 | 1.87 | 7.08 | 2.12 | 1.95 | 2.75 | 1.15 | .75 | 1.30 | 2.90 | 5.42 | 2.58 | 32.41 |
| Pacific cod | 5.19 | 9.76 | 17.64 | 2.18 | .83 | 3.37 | .83 | 7.01 | 11.69 | 13.61 | 14.63 | 7.48 | 94.22 |
| Lingcod | | | | .33 | .41 | .67 | .13 | .19 | .94 | .85 | .69 | | 4.21 |
| Sablefish | | .04 | | | | | | .20 | | | | | .24 |
| Pollock | .06 | .06 | .02 | | | | | | | | | 66.04 | 66.18 |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rf | | | | | | | | | | | | | |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | .77 | .62 | 1.25 | .44 | .54 | 1.06 | 1.13 | .66 | .66 | .80 | .81 | 6.63 | 15.37 |
| Hake | .03 | .09 | .06 | .19 | | .08 | .07 | .05 | .14 | .09 | .04 | .10 | .94 |
| Octopus | .02 | .07 | .11 | | .03 | .01 | | | | | .05 | | .29 |
| Perch | .09 | .01 | .05 | .13 | .19 | | | | | | .07 | .26 | .80 |
| Skate | .23 | .38 | .93 | .34 | .20 | .61 | .16 | .27 | .31 | .65 | .60 | .31 | 4.99 |
| Squid | .07 | .05 | .13 | .04 | .14 | .23 | .02 | .11 | .16 | .10 | .21 | .04 | 1.30 |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | .02 | .28 | .08 | | | | | .03 | | .04 | | .45 |
| Dogfish | | | | | 37.69 | 25.40 | 11.81 | 43.42 | 27.08 | 13.69 | | | 159.09 |
| Reduction | | | | | | | | | | | | | |
| Animal food | | | | | | | | | | | | | |
| Total | 9.09 | 13.13 | 28.61 | 5.92 | 42.17 | 34.29 | 15.51 | 53.72 | 43.55 | 35.14 | 25.07 | 83.48 | 389.68 |
| Crab | .05 | | | | | | | | | | | | .05 |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | | |

Table 20. 1984 British Columbia trawl landings (t) of groundfish from statistical area 19.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | | | | | | 4.18 | .60 | .22 | | 5.00 |
| Rock sole | | | | | | | | | 2.81 | .12 | | | 2.93 |
| Petrale sole | | | | | .72 | | | | 2.01 | | .24 | | 2.97 |
| Dover sole | | | | | | | | .12 | .83 | .09 | .07 | | 1.11 |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | .19 | 3.59 | | .02 | 3.80 |
| Starry flounder | | | .01 | .02 | | | | | | | | | .03 |
| Other flatfish | 1.37 | .03 | .21 | .44 | .78 | | .04 | | .13 | .59 | .70 | .73 | 5.02 |
| Pacific cod | 44.71 | 40.43 | 1.30 | 10.32 | 37.37 | 23.62 | .09 | .18 | 50.06 | 98.11 | 50.88 | 19.28 | 376.35 |
| Lingcod | .37 | | | .09 | .27 | | | .09 | 8.25 | 5.52 | 4.53 | | 19.12 |
| Sablefish | | | | | | | | | | .14 | | | .14 |
| Pollock | | | | | | | | | | .01 | | | .01 |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | | | | |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | .23 | | | | .23 |
| Other rockfish | .47 | | .11 | .45 | .89 | | | .27 | 3.92 | .28 | .72 | .34 | 7.45 |
| Hake | | | | | | | | | | | | | |
| Octopus | .01 | | | | | | | | | | | | |
| Perch | | | | | | | | | | .11 | .08 | .02 | .22 |
| Skate | .16 | .09 | .04 | .20 | .16 | | .02 | | .41 | .89 | .46 | .09 | 2.52 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | .01 | .03 | | | | | | | .04 |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | | | | | 16.83 | 1.73 | 2.69 | | 21.25 |
| Animal food | | | | .17 | | | | | | | | | .17 |
| Total | 47.09 | 40.55 | 1.67 | 11.69 | 40.20 | 23.65 | .15 | .66 | 89.85 | 111.78 | 60.59 | 20.48 | 448.36 |
| Crab | | .13 | | | | | | | | | | | .13 |
| Dumped fish | .47 | .02 | | | | | | | | | | | .49 |
| Discards | | | | | | | | | | .45 | | | .45 |

Table 21. 1984 British Columbia trawl landings (t) of groundfish from statistical area 20.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .38 | .80 | | | 2.39 | .75 | 1.29 | 11.85 | 5.26 | 4.21 | | .37 | 27.30 |
| Rock sole | | .50 | | | | | | | | 2.25 | | | 2.75 |
| Petrale sole | .10 | .21 | | | .89 | .23 | .60 | 2.13 | .18 | .27 | | | 4.61 |
| Dover sole | .01 | .25 | | | 4.14 | 2.92 | 6.51 | 21.33 | 8.23 | 6.40 | | | 49.79 |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | .12 | | | | | .12 |
| Sand sole | | | | | | | | .06 | | | | | .06 |
| Turbot | | .06 | | | .14 | .38 | .18 | 1.42 | | 2.41 | | | 4.59 |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | .15 | .08 | 1.78 | 3.23 | 1.17 | .25 | | | .54 | .14 | .18 | .92 | 8.44 |
| Pacific cod | 6.61 | 26.55 | 3.47 | 2.18 | 6.26 | 3.55 | 1.99 | 10.33 | 15.01 | 20.71 | 2.77 | 7.44 | 106.87 |
| Lingcod | | .28 | | | .83 | 2.15 | .52 | 9.39 | 1.48 | 2.15 | .60 | .79 | 18.19 |
| Sablefish | .01 | | | | .01 | .12 | .01 | .73 | .97 | | | | 1.85 |
| Pollock | .01 | | | | | | | .07 | | 1.92 | | | 2.00 |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | .59 | | | | | | | | | | | .59 |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | .64 | .59 | | | | | | | | | | | 1.23 |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | .20 | | | | | | | | | 3.07 | | | 3.27 |
| Widow rockfish | | | | | | | | | | | | .08 | .08 |
| Other rockfish | .02 | | .12 | 1.41 | .42 | 1.05 | .79 | 1.87 | .61 | .08 | .07 | .68 | 7.12 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | .05 | | | | .03 | | | .08 |
| Perch | | | | | | | | | | | | | |
| Skate | .27 | .11 | .14 | .31 | .65 | .26 | .89 | .35 | .90 | .87 | .04 | .37 | 5.16 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | .01 | | | | | .01 |
| Misc. species | | | | | | | | .02 | | | | .19 | .21 |
| Dogfish | | | | | | | | | | | | .49 | .49 |
| Reduction | .01 | | | | | | | | | | | | .01 |
| Animal food | | .01 | | | | | | | | | | | .01 |
| Total | 8.41 | 30.03 | 5.51 | 7.13 | 16.90 | 11.71 | 12.78 | 59.68 | 33.18 | 44.51 | 3.66 | 11.33 | 244.83 |
| Crab | .08 | | | | | | | | | | | | .08 |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | | |

Table 22. 1984 British Columbia trawl landings (t) of groundfish from statistical area 29.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | | .44 | | | | | | | | .44 |
| Rock sole | | | | | | | | | | | | | |
| Petrale sole | | | | | | | | | | | | | |
| Dover sole | | | | | | | | | | | | | |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | | | | | | | | | | | .28 | | .28 |
| Pacific cod | | | | | .94 | | | | | | .16 | .06 | 1.16 |
| Lingcod | | | | | .07 | | | | | | | | .07 |
| Sablefish | | | | | | | | | | | | | |
| Pollock | | | | | | | | | | | | | |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | | | | |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | | | | | .01 | | .41 | | | | | .02 | .44 |
| Hake | | | 449.73 | 389.15 | 104.26 | | | | | | | | 943.14 |
| Octopus | | | | | .02 | | | | | | | | .02 |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | .25 | | | | | | | .01 | .26 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | 22.97 | 4.57 | | | 5.02 | | | | | | 32.56 |
| Reduction | | | | | | | | | | | | | |
| Animal food | | | | | | | | | | | | | |
| Total | | | 472.70 | 393.72 | 105.99 | | 5.43 | | | | .44 | .09 | 978.37 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | | |

Table 23. 1984 British Columbia trawl landings (t) of groundfish from statistical area 21.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | 1.33 | 2.25 | | 3.40 | .44 | .20 | .10 | | 4.84 | | | 12.56 |
| Rock sole | | 1.14 | | | 5.51 | .44 | | | | | | | 7.09 |
| Petrale sole | | .20 | .10 | .12 | 12.17 | 4.00 | .50 | | | .76 | | | 17.85 |
| Dover sole | | 1.01 | | | | | 1.74 | | | 4.84 | | | 7.59 |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | .15 | | | | | | | | | | .15 |
| Turbot | | | | .12 | 3.35 | 1.34 | | | | 1.20 | | | 6.01 |
| Starry flounder | | | | | | | | | | .01 | | | .01 |
| Other flatfish | | | | 1.89 | .71 | .83 | | | | | 1.76 | | 5.19 |
| Pacific cod | 7.95 | 16.14 | 4.66 | 6.94 | 91.94 | 4.99 | .03 | .06 | | 4.88 | 2.06 | 1.07 | 140.72 |
| Lingcod | | .35 | .23 | .48 | 7.05 | 21.62 | .32 | .08 | | .73 | | | 30.86 |
| Sablefish | | | | | .36 | .56 | | .01 | | | | | .93 |
| Pollock | | .81 | | | .25 | .21 | | | | 2.26 | | | 3.53 |
| Ocean perch | | .74 | | | | | | | | | | | .74 |
| Bocaccio | | | | | | .18 | | | | | | | .18 |
| Canary rockfish | | .36 | | | .02 | .03 | | 2.95 | | | | | 3.36 |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | .24 | | | .02 | .03 | | | | | | | .29 |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | 1.56 | 1.44 | | | | | | | 3.00 |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | | | .13 | .65 | .82 | | | | | 1.54 | | | 3.14 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | .04 | .01 | .04 | | | | | | | | .09 |
| Perch | | | | | | | | | | | | | |
| Skate | | .19 | .27 | .11 | .43 | .19 | .03 | | | .56 | | | 1.78 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | .02 | | | .13 | .09 | | | | | | | .24 |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | | | | | | | | | |
| Animal food | | | | | | | | | | | | | |
| Total | 7.95 | 22.53 | 7.83 | 10.32 | 127.76 | 36.39 | 2.82 | 3.20 | | 21.62 | 3.82 | 1.07 | 245.31 |
| Crab | .07 | .04 | | | | | | | | | | | .11 |
| Dumped fish | | | | .34 | .16 | | | | | | | | .50 |
| Discards | | | | | 16.78 | 45.36 | | | | 9.07 | | | 71.21 |

Table 24. 1984 British Columbia trawl landings (t) of groundfish from statistical area 23.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | 1.18 | .47 | 1.17 | 4.03 | 11.14 | 5.42 | 13.06 | 19.96 | 7.75 | .09 | | 64.27 |
| Rock sole | | 3.13 | 7.88 | 7.79 | 9.58 | 12.27 | 13.62 | 9.25 | 6.91 | 5.54 | | | 75.97 |
| Petrale sole | | 9.88 | .15 | | 5.49 | 57.23 | 25.94 | 44.98 | 18.45 | 9.86 | .08 | .02 | 172.08 |
| Dover sole | | 2.79 | | | 2.20 | 3.32 | 1.94 | 5.50 | 2.48 | 10.09 | | | 28.32 |
| Rex sole | | | | .48 | | | | | | | | | .48 |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | .20 | .42 | .10 | | | | | | | | | .72 |
| Turbot | | | | | .60 | 1.91 | 9.37 | 5.09 | 3.49 | .79 | | | 21.25 |
| Starry flounder | | .27 | .02 | .26 | 2.71 | .08 | 1.59 | .43 | .63 | .08 | | | 6.07 |
| Other flatfish | .40 | 3.46 | .16 | .86 | 2.59 | 6.34 | 7.25 | 6.22 | 19.23 | 1.16 | .09 | | 47.76 |
| Pacific cod | 3.60 | 119.43 | 130.17 | 33.11 | 78.75 | 32.36 | 22.40 | 19.55 | 27.66 | 11.56 | .90 | | 479.49 |
| Lingcod | | 1.29 | 1.36 | .72 | 30.98 | 363.46 | 437.41 | 477.28 | 159.52 | 91.78 | .23 | .09 | 1564.12 |
| Sablefish | | .22 | | .55 | 12.63 | 33.43 | 16.97 | 32.93 | 2.74 | | | | 99.47 |
| Pollock | | | | | | 1.22 | | | .34 | | | | 1.56 |
| Ocean perch | | 10.16 | | 12.64 | 26.68 | 21.41 | 57.29 | .07 | 11.68 | 24.33 | | 21.63 | 185.89 |
| Bocaccio | | | | | | 4.71 | .94 | .37 | | 2.16 | | | 8.18 |
| Canary rockfish | | .02 | | .05 | .02 | 3.82 | 68.94 | 12.63 | 21.30 | 49.33 | | | 156.11 |
| Redstripe rockfish | | .74 | | | | 4.95 | .44 | .09 | | .45 | | | 6.67 |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | 1.14 | | .05 | 2.90 | 5.64 | 13.22 | 22.01 | | 11.25 | | | 56.21 |
| Yel'mouth rockfish | | 2.12 | | | | .48 | | | | .44 | | | 3.04 |
| Yel'tail rockfish | | | | | | 5.00 | 5.04 | 3.22 | | | 3.14 | | 16.40 |
| Widow rockfish | | 3.14 | | | | | | | | | 1.18 | | 4.32 |
| Other rockfish | | 9.41 | 5.05 | .39 | 30.07 | 16.63 | 13.79 | 31.67 | 27.67 | 14.19 | .39 | | 149.26 |
| Hake | | | | | | | | | | | | | |
| Octopus | | .04 | .05 | | .03 | | | | .01 | | | | .13 |
| Perch | | | | | .10 | | | | | | | | .10 |
| Skate | | .65 | .22 | .77 | 1.69 | 1.87 | .54 | 1.02 | .57 | .16 | .03 | | 7.52 |
| Squid | | | | | | | .10 | | | | | | .10 |
| Sturgeon | | .04 | .30 | .02 | .32 | .13 | .10 | .01 | | .02 | | | .94 |
| Misc. species | | | | | | | .21 | .17 | | | | | .38 |
| Dogfish | | 45.64 | 195.36 | 63.55 | 22.13 | 14.55 | 5.96 | 38.56 | 21.93 | 21.66 | | | 429.34 |
| Reduction | | | | | .07 | 1.89 | 1.29 | .58 | .07 | .16 | | | 4.06 |
| Animal food | | | | | | | | | | | | | |
| Total | 4.00 | 214.95 | 341.61 | 122.51 | 233.57 | 603.84 | 709.77 | 724.69 | 344.64 | 262.76 | 6.13 | 21.74 | 3590.21 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | .14 | | 4.96 | | | | | | | 5.10 |
| Discards | | 9.07 | | | 56.25 | 381.93 | 39.28 | | 12.47 | | | .91 | 499.91 |

Table 25. 1984 British Columbia trawl landings (t) of groundfish from statistical area 24.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .06 | .07 | .03 | | .81 | .36 | 3.26 | 1.49 | | .06 | | .02 | 6.16 |
| Rock sole | | | | | .13 | 1.98 | .69 | .24 | 1.60 | | | | 4.64 |
| Petrale sole | .44 | | .17 | .51 | 2.76 | 4.24 | 9.84 | 2.69 | 3.52 | .03 | | .34 | 24.54 |
| Dover sole | .05 | | .08 | .24 | 3.34 | 3.42 | 1.01 | 6.07 | | .58 | | | 14.79 |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | 10.90 | 7.77 | | | | | 18.67 |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | | | .02 | .11 | | .70 | 1.14 | | | | | | 1.97 |
| Pacific cod | .30 | .49 | 7.00 | .22 | 6.19 | 1.57 | 1.35 | 4.48 | .31 | .40 | | | 22.31 |
| Lingcod | 1.67 | | | 3.31 | 3.16 | 28.96 | 58.66 | 32.61 | 11.24 | 2.45 | | | 142.06 |
| Sablefish | .05 | | | | 2.08 | .08 | 4.06 | .89 | | | | | 7.16 |
| Pollock | | | | | | | | | | | | | |
| Ocean perch | 3.60 | .50 | 4.92 | 50.29 | 25.58 | 35.70 | 67.47 | | 15.01 | 14.61 | | 2.30 | 219.98 |
| Bocaccio | 3.25 | .52 | | | | | .23 | 2.54 | | | | | 6.54 |
| Canary rockfish | 37.11 | 3.51 | .04 | 20.30 | 24.13 | 45.09 | 4.07 | 4.17 | | 9.41 | | | 147.83 |
| Redstripe rockfish | 6.97 | | | .61 | | | | | | | | | 7.58 |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | 8.73 | 1.89 | | 20.29 | 11.20 | 8.33 | 1.25 | | | | | | 51.69 |
| Yel'mouth rockfish | | | | 3.38 | | | | | | | | | 3.38 |
| Yel'tail rockfish | | .36 | | | | | | | | | | | .36 |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | 4.23 | | | 3.10 | | .16 | .56 | 2.34 | 1.02 | .44 | | | 11.85 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | .34 | .06 | .32 | .02 | | | | | .74 |
| Squid | | | | | | .34 | | | | | | | .34 |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | 26.13 | | | | | | | 26.13 |
| Reduction | 3.79 | | | | | | | | | | | | 3.79 |
| Animal food | | | | | | | | | | | | | |
| Total | 70.25 | 7.34 | 12.26 | 102.36 | 79.72 | 157.12 | 164.81 | 65.31 | 32.70 | 27.98 | | 2.66 | 722.51 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | .45 | 36.29 | | | | | 36.74 |

Table 26. 1984 British Columbia trawl landings (t) of groundfish from statistical area 25.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .35 | .47 | .02 | | .61 | .11 | | | | | | | 1.56 |
| Rock sole | .31 | .18 | | | 4.88 | .01 | | | .05 | | | .48 | 5.91 |
| Petrale sole | .18 | .47 | 5.16 | 22.44 | 14.76 | 14.04 | | | | | | .28 | 57.33 |
| Dover sole | | | 12.15 | 20.99 | 11.44 | .61 | | | | | | | 45.19 |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | 3.08 | .05 | | | | | | | | 3.13 |
| Starry flounder | | 2.32 | | | | | | | | | | | 2.32 |
| Other flatfish | .05 | .46 | | | 2.12 | .45 | | .32 | | | | | 3.40 |
| Pacific cod | 1.30 | 11.52 | .04 | | 8.56 | .33 | | .90 | | | | 2.46 | 25.11 |
| Lingcod | 1.23 | 1.23 | 1.53 | 2.85 | 141.53 | 58.69 | .63 | 1.56 | 1.14 | | | .32 | 210.71 |
| Sablefish | | | | .88 | 1.93 | .24 | | .41 | | | | | 3.46 |
| Pollock | | | | | | | | | | | | | |
| Ocean perch | | 1.11 | 5.45 | 16.01 | 36.74 | 45.72 | 10.58 | | 1.27 | 18.07 | | 9.62 | 144.57 |
| Bocaccio | 1.93 | .03 | 1.73 | 8.19 | 5.23 | 4.54 | | | | | | 8.82 | 30.47 |
| Canary rockfish | 31.57 | 2.67 | 9.43 | 31.71 | 297.87 | 3.09 | | | | | | | 376.34 |
| Redstripe rockfish | 1.26 | 4.63 | | 6.20 | 8.24 | | | | | | | | 20.33 |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | 19.15 | 3.12 | 15.62 | 31.71 | 135.83 | .21 | | | | | | | 205.64 |
| Yel'mouth rockfish | .32 | | | 2.31 | 2.56 | | | | | | | | 5.19 |
| Yel'tail rockfish | .63 | 1.17 | 2.45 | | 4.32 | | | | | | | | 8.57 |
| Widow rockfish | | .22 | | | | | | | | | | | .22 |
| Other rockfish | 4.74 | 8.83 | 1.85 | 5.73 | 21.21 | 3.88 | 4.99 | 14.68 | | | | 15.59 | 81.50 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | .01 | | | | | | | .01 | .02 |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | | | | | | | | | |
| Squid | | | | | | .14 | | | | | | | .14 |
| Sturgeon | .20 | | | | | | | | | | | .04 | .24 |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | 1.96 | .74 | | | | | | | | | | | 2.70 |
| Reduction | | | | | 9.19 | 1.41 | | | | | | 4.75 | 15.35 |
| Animal food | | | | | | | | | | | | | |
| Total | 65.18 | 39.17 | 55.43 | 152.10 | 707.08 | 133.47 | 16.20 | 17.87 | 2.46 | 18.07 | | 42.37 | 1249.40 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | .45 | .77 | | | | | | | .68 | 1.90 |

Table 27. 1984 British Columbia trawl landings (t) of groundfish from statistical area 26.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | .03 | .07 | .87 | | | | | | | .97 |
| Rock sole | | | | .06 | .13 | | .32 | .05 | | | | | .56 |
| Petrale sole | | .56 | | .49 | 1.62 | .38 | | | | | | | 3.05 |
| Dover sole | | | | | .27 | | | .27 | | | | | .54 |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | | | | | .02 | | | | | | | | .02 |
| Other flatfish | | | .03 | | | | .04 | | | | | | .07 |
| Pacific cod | | .13 | | .80 | .54 | | .07 | | | | | | 1.54 |
| Lingcod | | | .14 | 7.26 | 12.23 | .58 | 2.12 | 1.21 | | | | | 23.54 |
| Sablefish | | .01 | | | .52 | .03 | | | | | | | .56 |
| Pollock | | | | | | | | | | | | | |
| Ocean perch | | 2.05 | | | 26.44 | | | | | | | | 28.49 |
| Bocaccio | | 1.99 | | 2.20 | .80 | | | | | | | | 4.99 |
| Canary rockfish | .16 | 16.91 | | 27.62 | 64.85 | 5.19 | | | | | | | 114.73 |
| Redstripe rockfish | | .21 | | | | | | | | | | | .21 |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | 21.09 | | 32.91 | 38.66 | 6.55 | | | | | | | 99.21 |
| Yel'mouth rockfish | | .41 | | | | | | | | | | | .41 |
| Yel'tail rockfish | | 3.08 | | | 6.32 | | | | | | | | 9.40 |
| Widow rockfish | | 5.02 | | | | | | | | | | | 5.02 |
| Other rockfish | | | 3.63 | | 21.30 | | 10.59 | | | | | | 35.52 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | .01 | | | | | | | .01 |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | .01 | | | | | | | | .01 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | 5.88 | | | 4.38 | | | | | | | | 10.26 |
| Animal food | | | | | | | | | | | | | |
| Total | .16 | 57.34 | 3.80 | 71.37 | 178.16 | 13.61 | 13.14 | 1.53 | | | | | 339.11 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | | |

Table 28. 1984 British Columbia trawl landings (t) of groundfish from [illegible]ical area 27.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | | | .05 | .53 | .05 | | | | | .63 |
| Rock sole | | | | | .48 | .65 | 3.61 | .53 | | | | | 5.27 |
| Petrale sole | | | | | 6.42 | 6.30 | 2.81 | .66 | | .03 | .28 | | 16.50 |
| Dover sole | | | | | | | .74 | 1.54 | | | .63 | | 2.91 |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | | | | 1.37 | 1.04 | .58 | 1.62 | .27 | | | | | 4.88 |
| Pacific cod | | .04 | | 1.49 | 1.03 | .73 | 1.73 | .21 | | | .11 | | 5.34 |
| Lingcod | | | | 1.99 | 14.66 | 22.80 | 43.09 | 4.59 | | | .45 | | 87.58 |
| Sablefish | | | | | .05 | 5.94 | .92 | 1.46 | | | | | 8.37 |
| Pollock | | | | | | | | | | | | | |
| Ocean perch | | | | | | 25.25 | 8.49 | | | 25.66 | 104.95 | | 164.35 |
| Bocaccio | | | | .42 | | .10 | 2.95 | 10.20 | | | .97 | | 14.64 |
| Canary rockfish | .32 | | | 10.29 | 21.63 | 71.54 | 198.08 | 89.45 | | | | | 391.31 |
| Redstripe rockfish | | | | | | 2.85 | | | | 3.10 | 2.94 | | 8.89 |
| Rougheye rockfish | | | | | | | | | | .44 | | | .44 |
| Sil'gray rockfish | .16 | | | 10.26 | 4.15 | 43.88 | 38.21 | 60.66 | | | | | 157.32 |
| Yel'mouth rockfish | | | | | 18.37 | | | | | 1.11 | 94.46 | | 113.94 |
| Yel'tail rockfish | | | | | | | .46 | | | | .40 | | .86 |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | | | | | 15.55 | 9.81 | 8.02 | | | 4.47 | 10.18 | | 48.03 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | .01 | .01 | | .01 | | | | | .03 |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | .03 | | | | | | | | .03 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | .01 | | | .01 | | | | | | .02 |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | | 3.06 | | | | | | | 3.06 |
| Animal food | | | | | | | | | | | | | |
| Total | .48 | .04 | | 25.83 | 83.42 | 193.55 | 311.27 | 169.63 | | 34.81 | 215.37 | | 1034.40 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | 2.27 | | | | | | | 2.27 |

Table 29. 1984 British Columbia trawl landings (t) of groundfish from statistical area 9.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | | | | | | | | | | |
| Rock sole | | | | | | | | | | | | | |
| Petrale s. | | | | | | | | | | | | | |
| Dover sole | | | | | .28 | | | | | | | | .28 |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | | | | | | | | | | | | | |
| Pacific cod | | | | | | | | | | | | | |
| Lingcod | | | | | | | | | | | | | |
| Sablefish | | | | | | | | | | | | | |
| Pollock | | | | | | | | | | | | | |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | | | | |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | | | | | | | | | | | | | |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | | | | | | | | | |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | | | | | | | | | |
| Animal food | | | | | | | | | | | | | |
| Total | | | | | .28 | | | | | | | | .28 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | | |

Table 30. 1984 British Columbia trawl landings (t) of groundfish from statistical area 11.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .39 | | | 1.22 | 2.42 | .42 | .65 | .61 | 1.61 | 1.89 | .58 | .08 | 9.87 |
| Rock sole | | | .14 | .04 | 36.80 | 69.19 | 15.69 | 11.14 | 3.59 | 5.63 | | | 142.22 |
| Petrale sole | | | | 1.38 | 6.00 | 5.70 | 3.98 | 5.49 | 7.39 | 7.88 | 1.80 | .19 | 39.81 |
| Dover sole | | .01 | | | | 1.29 | 8.63 | 5.28 | 2.13 | 1.13 | | .03 | 18.50 |
| Rex sole | | | | | | | | | | .01 | | .01 | .02 |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | 2.27 | 10.84 | | 10.52 | 8.74 | | .02 | 32.39 |
| Starry flounder | | | | | | .01 | | | | | | | .01 |
| Other flatfish | | | | .37 | | 1.57 | .12 | | .18 | | | | 2.24 |
| Pacific cod | 1.50 | .91 | .05 | 11.39 | 29.71 | 29.02 | 31.75 | 24.74 | 37.32 | 47.60 | 16.60 | 1.65 | 232.24 |
| Lingcod | .20 | .04 | .23 | 3.35 | 18.34 | 41.98 | 65.58 | 77.88 | 35.76 | 14.83 | 2.36 | .45 | 261.00 |
| Sablefish | | .03 | | | .01 | .03 | 1.26 | 2.02 | .55 | | | | 3.90 |
| Pollock | | | | .02 | .02 | .02 | 1.68 | .02 | 4.69 | 3.71 | .39 | .87 | 11.42 |
| Ocean perch | | 39.28 | | | .29 | | | 18.86 | 44.78 | .40 | 5.20 | 3.98 | 112.79 |
| Bocaccio | .10 | | .11 | 5.59 | 4.74 | 4.17 | 3.48 | 5.58 | 6.19 | 8.73 | 3.83 | | 42.52 |
| Canary rockfish | | 1.87 | 5.03 | 31.27 | 8.62 | 7.81 | 17.48 | 26.38 | 41.44 | 41.33 | 21.45 | 12.90 | 215.58 |
| Redstripe rockfish | | .09 | | | 1.58 | 1.39 | | .40 | .43 | 1.15 | | | 5.04 |
| Rougheye rockfish | | | | | | | | | .08 | | | | .08 |
| Sil'gray rockfish | 1.71 | 2.46 | 7.55 | 53.37 | 83.28 | 57.69 | 45.31 | 74.24 | 86.01 | 91.51 | 33.63 | 15.29 | 552.05 |
| Yel'mouth rockfish | | 20.94 | | | 4.59 | 1.60 | | .72 | .59 | | | | 28.44 |
| Yel'tail rockfish | .29 | | .37 | | .91 | 5.30 | 9.90 | .27 | 5.70 | 9.05 | 18.41 | 35.01 | 85.21 |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | 1.27 | 2.82 | | | 8.64 | 3.36 | | .19 | 16.93 | 3.71 | 1.11 | 1.62 | 39.65 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | .01 | .01 | .10 | .04 | .06 | .03 | | | .01 | .26 |
| Skate | .18 | | | | | | | | | | | | |
| Squid | | | | .10 | 1.44 | 2.21 | .61 | .52 | .65 | 1.45 | | .16 | 7.32 |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | .04 | .01 | | | | | | | .05 |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | 24.54 | | | | | | | | |
| Animal food | | 1.12 | | 3.01 | | | | | | 13.44 | 6.83 | | 44.81 |
| | | | | | | .66 | | | 1.58 | | 1.42 | | 7.13 |
| | | | | | | | | | | | | 11.31 | 11.97 |
| Total | 5.64 | 69.57 | 13.48 | 111.12 | 231.98 | 235.80 | 217.00 | 254.40 | 308.15 | 262.19 | 113.61 | 83.58 | 1906.52 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | 10.43 | | | 6.80 | 1.36 | | 22.68 | | 9.21 | 46.49 | | 4.54 | 101.51 |

Table 31. 1984 British Columbia trawl landings (t) of groundfish from statistical area 8.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | .04 | .23 | 1.57 | 1.51 | .52 | 1.74 | 1.07 | | | 6.68 |
| Rock sole | .16 | | | .01 | 4.08 | 5.66 | 7.98 | 31.61 | 33.12 | 4.76 | | | 87.38 |
| Petrale sole | .46 | 4.47 | 2.96 | 3.69 | 4.41 | 9.55 | 4.89 | 1.64 | 5.32 | 1.07 | .38 | .16 | 39.00 |
| Dover sole | .10 | .17 | .10 | 16.72 | 3.40 | 10.05 | 3.80 | 2.05 | .92 | 1.65 | | | 38.96 |
| Rex sole | | | | .03 | | | | | | .12 | | | .15 |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | .16 | | 1.39 | 20.62 | 18.25 | 8.14 | .05 | 3.84 | 9.73 | | | 62.18 |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | | | | 2.42 | .74 | | | | | | | | 3.16 |
| Pacific cod | .13 | | .04 | .77 | 18.86 | 80.97 | 16.33 | 7.26 | 15.73 | 5.93 | 4.24 | .03 | 150.29 |
| Lingcod | .23 | 1.88 | .07 | 2.98 | 43.24 | 206.56 | 73.69 | 32.59 | 83.49 | 9.85 | | .34 | 454.92 |
| Sablefish | .24 | .07 | .23 | .38 | .63 | 2.91 | .44 | 1.27 | .49 | .03 | | | 6.69 |
| Pollock | .49 | | | | | 3.05 | 2.36 | .11 | .54 | .63 | | | 7.18 |
| Ocean perch | 122.06 | 329.16 | 384.08 | 242.06 | 865.43 | 77.67 | 13.57 | 91.04 | 7.50 | 239.58 | | 44.77 | 2416.92 |
| Bocaccio | | | .78 | 1.30 | 10.03 | 13.30 | 1.05 | 2.07 | 4.64 | .45 | .42 | 1.84 | 35.88 |
| Canary rockfish | | 1.93 | 13.10 | 20.16 | 32.46 | 165.18 | 24.02 | 20.07 | 8.49 | 2.69 | 5.00 | 4.60 | 297.70 |
| Redstripe rockfish | 8.22 | 27.06 | 8.78 | 7.53 | 8.72 | 24.53 | | | .06 | .78 | | | 85.68 |
| Rougheye rockfish | 5.68 | | 2.70 | 4.61 | 3.78 | | | | .38 | | | | 17.15 |
| Sil'gray rockfish | 11.44 | 5.93 | 25.65 | 38.30 | 97.38 | 132.96 | 26.47 | 28.09 | 62.94 | 92.71 | 61.33 | 69.92 | 653.12 |
| Yel'mouth rockfish | 171.24 | 116.63 | 124.99 | 26.46 | 44.43 | 71.54 | 7.97 | | .21 | 26.26 | | | 589.73 |
| Yel'tail rockfish | 2.07 | .30 | 3.72 | | 31.26 | 22.16 | 9.09 | 9.61 | 30.33 | | 3.17 | | 111.71 |
| Widow rockfish | | .65 | 3.61 | | 14.49 | | | | | | | | 18.75 |
| Other rockfish | 24.48 | 35.83 | 68.28 | 28.53 | 66.13 | 76.61 | 13.50 | 2.93 | 2.99 | 17.59 | | | 336.87 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | .03 | .01 | .03 | .01 | .01 | .02 | | | .06 | .17 |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | 1.04 | 2.93 | 4.43 | | | .02 | | | 8.42 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | .01 | | | | | | | .01 |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | 8.77 | | | | | | | | 8.77 |
| Reduction | 5.52 | 5.89 | 11.80 | 1.42 | 19.71 | 25.14 | 5.04 | 4.97 | .22 | 12.19 | | | 91.90 |
| Animal food | .61 | .18 | | 4.63 | 9.23 | | | | | .39 | | | 15.04 |
| Total | 353.13 | 530.31 | 650.89 | 403.46 | 1309.08 | 950.63 | 224.29 | 235.89 | 262.97 | 427.50 | 74.54 | 121.72 | 5544.41 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | 9.07 | 9.07 | | .25 | 46.27 | | | | 17.08 | 7.71 | | | 89.45 |

Table 32. 1984 British Columbia trawl landings (t) of groundfish from statistical area 2BE.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | .63 | .38 | 2.20 | 4.60 | 4.85 | 1.30 | 1.47 | .94 | 6.35 | 22.34 | .90 | | 45.96 |
| Rock sole | .73 | 1.37 | 5.71 | 3.94 | 12.87 | .32 | 7.63 | 7.76 | 3.47 | 7.25 | | | 51.05 |
| Petrale sole | .06 | | | .35 | .94 | .16 | 1.65 | .22 | | 2.56 | 2.86 | | 8.80 |
| Dover sole | | | | | .34 | 3.77 | | | 1.19 | 1.59 | | | 6.89 |
| Rex sole | | | | | | | | | .20 | .13 | .55 | | .88 |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | | | .25 | | .32 | | 1.24 | | | | | | 1.56 |
| Other flatfish | | | .16 | | | | | | | | | | .25 |
| | | | | | | | | | | | | | .16 |
| Pacific cod | 21.99 | 22.72 | 61.26 | 23.46 | 2.05 | 10.54 | 14.32 | 2.69 | .81 | 22.86 | 1.94 | | 184.64 |
| Lingcod | .27 | .08 | .21 | .90 | .16 | 1.92 | 1.36 | 3.84 | 1.47 | 4.88 | 2.83 | | 17.92 |
| Sablefish | | | | | .56 | .02 | .15 | .09 | | | | | .82 |
| Pollock | | | | | | | | | | .01 | | | .01 |
| Ocean perch | | 4.47 | 13.64 | 33.90 | 39.43 | 39.59 | .04 | | | 267.95 | | | 399.02 |
| Bocaccio | | | | | | | | | | .42 | | | .42 |
| Canary rockfish | | | 2.52 | | .20 | .45 | 36.65 | | 1.36 | 10.62 | .04 | | 51.84 |
| Redstripe rockfish | | | | | | | | | | 1.50 | | 3.66 | 5.16 |
| Rougheye rockfish | | | | | | | | | | .33 | | | .33 |
| Sil'gray rockfish | | .18 | 7.32 | 12.44 | 1.37 | 7.34 | 42.78 | 57.24 | 3.16 | 49.71 | 7.73 | 2.74 | 192.01 |
| Yel'mouth rockfish | | | 5.91 | 11.30 | | | | 37.70 | | 8.93 | | | 63.84 |
| Yel'tail rockfish | | | .26 | | | .44 | | | | 19.00 | 6.82 | | 26.52 |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | .01 | | 4.08 | .01 | .26 | .46 | .21 | .24 | | 16.76 | 2.72 | 5.08 | 29.83 |
| Hake | | | | | | | | | | | | | |
| Octopus | .08 | .16 | .39 | .01 | .05 | | | | .01 | | | | .70 |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | | .44 | .19 | .35 | | .02 | | | 1.00 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | 15.20 | | | | | | | | 15.20 |
| Animal food | | | | | | .40 | | | | 13.27 | | | 13.67 |
| | | | | | | 2.22 | .32 | .13 | .03 | 7.56 | | | 10.26 |
| Total | 23.77 | 29.36 | 103.91 | 90.91 | 78.60 | 69.37 | 108.01 | 111.20 | 18.05 | 457.69 | 26.39 | 11.48 | 1128.74 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | .91 | | 1.81 | 18.14 | 11.34 | 3.18 | 6.80 | | 47.63 | | 9.07 | | 98.88 |

Table 33. 1984 British Columbia trawl landings (t) of groundfish from statistical area 5L.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | | | 1.89 | .22 | | .05 | 2.55 | .26 | | 4.97 |
| Rock sole | | | | | | | | | .08 | 8.72 | 3.79 | | 12.59 |
| Petrale sole | | | | | .26 | | .27 | | .45 | .98 | .96 | | 2.92 |
| Dover sole | | | | | .88 | | | | | .02 | .02 | | .92 |
| Rex sole | | | | | | | | | | .11 | | | .11 |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | | | | | | | | | .74 | 9.59 | | | 10.33 |
| Other flatfish | | | | | | | | | | | | | |
| Pacific cod | | | | | | 7.27 | 1.24 | | 2.40 | 1.65 | 14.65 | | 27.21 |
| Lingcod | | | | | .85 | | 1.22 | | .76 | 1.22 | .22 | | 4.27 |
| Sablefish | | | | | | .07 | .15 | .04 | .11 | | | | .37 |
| Pollock | | | | | | | | | 1.59 | | | | 1.59 |
| Ocean perch | | | | | 7.02 | 2.26 | | 2.46 | .06 | .17 | | | 11.97 |
| Bocaccio | | | | | 8.69 | .34 | 2.13 | | | .38 | 2.08 | | 13.62 |
| Canary rockfish | | | | | | 5.38 | .10 | 4.57 | 6.33 | .70 | | | 17.08 |
| Redstripe rockfish | | | | | | 7.69 | | | | | | | 7.69 |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | 19.56 | 6.89 | 10.75 | 7.31 | 81.19 | 16.38 | 13.34 | | 155.42 |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | | | | | | 14.58 | | | 14.58 |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | | | | | | 4.49 | | .46 | | .54 | | | 5.49 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | .01 | | | .01 |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | | | | | .15 | | | | .15 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | 2.63 | | | | .33 | .27 | | | 3.23 |
| Animal food | | | | | | 7.17 | | | .83 | .66 | | | 8.66 |
| Total | | | | | 39.89 | 43.45 | 16.08 | 14.84 | 95.07 | 58.53 | 35.32 | | 303.18 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | 2.95 | | | | 31.75 | 54.43 | 3.18 | | 92.31 |

Table 34. 1984 British Columbia trawl landings (t) of groundfish from statistical area 6.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | | | | | | | | | | |
| Rock sole | | | | | | | | | | 1.85 | | | 1.85 |
| Petrale sole | | | | | | | | | | | | | |
| Dover sole | | | | | | | | | | | | | |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead s. | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | | | | | | | | | | | | | |
| Pacific cod | | | | | | | | | | | | | |
| Lingcod | | | | | | | | | | 2.58 | | | 2.58 |
| Sablefish | | | | | | | | | | 1.03 | | | 1.03 |
| Pollock | | | | | | | | | | .01 | | | .01 |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | | | | |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | | 6.38 | | | 6.38 |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | | 6.38 | | | 6.38 |
| Other rockfish | | | | | | | | | | | | | |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | | | | | | | .02 | | | .02 |
| Skate | | | | | | | | | | | | | |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | | | | | | | | | |
| Animal food | | | | | | | | | | | | | |
| Total | | | | | | | | | | 18.25 | | | 18.25 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | | |

Table 35. 1984 British Columbia trawl landings (t) of groundfish from statistical area 1E.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | 1.29 | | .21 | 3.00 | | .18 | | | .01 | | .07 | 4.76 |
| Rock sole | | 22.13 | .37 | .87 | 2.09 | | | | .45 | | .07 | | 25.98 |
| Petrale sole | | .10 | | 1.34 | .45 | | | | | | .04 | | 1.93 |
| Dover sole | | | | 4.53 | .04 | | | | .14 | | | | 4.71 |
| Rex sole | | .09 | .12 | 1.36 | .05 | | | | | | | | 1.62 |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | .05 | .16 | .06 | .13 | | .47 | | | | .11 | .50 | .03 | 1.51 |
| Starry flounder | | 8.01 | | .21 | 1.59 | | | | | | | | 9.81 |
| Other flatfish | | | | | | | | | | | | | |
| Pacific cod | | 8.25 | .67 | 1.66 | 2.82 | | .05 | | | .03 | .37 | | 13.85 |
| Lingcod | | .59 | | | .19 | | .50 | | .07 | .41 | .12 | | 1.88 |
| Sablefish | | | .73 | | | | | | | | | | .73 |
| Pollock | 79.14 | .94 | | | | | | | | | 19.56 | 43.46 | 143.10 |
| Ocean perch | | | | | | | | | | .23 | .36 | | .59 |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | .09 | | | .04 | | | | | | | | .13 |
| Redstripe rockfish | | | | | | | | | | .05 | | | .05 |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | .14 | | | .04 | | | | | | .52 | | .70 |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | 2.71 | .20 | | | .33 | | .86 | | .09 | .09 | .14 | 6.71 | 11.13 |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | | .53 | | | | | | | .09 | .09 | | | .71 |
| Hake | | | | | | | | | | | | | |
| Octopus | | .08 | | | | | | | | | | | .08 |
| Perch | | | | | | | | | | | | | |
| Skate | .20 | 3.50 | | | .07 | | | | | | .06 | | 3.83 |
| Squid | | | | | .18 | | | | | | .09 | | .27 |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | .09 | | | | | | | | | | | .09 |
| Reduction | | | | | | | | | | | | | |
| Animal food | 1.92 | .59 | | | | | | | | | | 1.10 | 3.61 |
| Total | 84.02 | 46.78 | 1.95 | 10.31 | 10.89 | .47 | 1.59 | | .84 | 1.02 | 21.83 | 51.37 | 231.07 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | 3.63 | 13.61 | | | | 2.72 | | 3.18 | | 23.14 |

Table 36. 1984 British Columbia trawl landings (t) of groundfish from statistical area 2AE.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | | | | | | | | | | |
| Rock sole | | .57 | | | | | | | | | | | .57 |
| Petrale sole | | | | | | | | | | | | | |
| Dover sole | | | | | | | | | | | | | |
| Rex sole | | | | | | | | | | | | | |
| Rutter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | | | | | | | | | | |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | | | | | | | | | | | | | |
| Pacific cod | | | | | | | | | | | | | |
| Lingcod | | | | | 2.26 | | | | | | | | 2.26 |
| Sablefish | | | | | | | | | | | | | |
| Pollock | | | | | | | | | | | | | |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | | | | | | | | | | | |
| Redstrip rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'gray rockfish | | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | | | | | | | | | | | | | |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | | | | | | | | | |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | | | | | | | | | |
| Animal food | | | | | | | | | | | | | |
| Total | | .57 | | | 2.26 | | | | | | | | 2.83 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | | |

Table 37. 1984 British Columbia trawl landings (t) of groundfish from statistical area 4.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | 33.14 | 13.05 | 29.39 | 73.98 | 114.71 | 54.97 | 91.23 | 64.22 | 17.94 | .96 | 11.20 | 6.14 | 510.93 |
| Rock sole | 11.19 | 13.09 | 3.52 | 6.13 | 14.48 | 7.94 | 5.52 | 2.76 | 4.69 | .46 | 2.09 | 1.74 | 73.61 |
| Petrale sole | .12 | .02 | .13 | .21 | .54 | .22 | .04 | .05 | .18 | | .02 | | 1.53 |
| Dover sole | .12 | | | .03 | 8.25 | 69.42 | 153.23 | 200.01 | 156.16 | 29.13 | .52 | | 616.87 |
| Rex sole | 1.82 | .29 | .50 | .28 | 3.85 | 8.32 | 67.02 | 56.15 | 36.18 | 4.84 | 1.98 | .46 | 181.69 |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | 1.59 | .12 | 3.55 | 1.04 | 12.76 | 21.31 | 40.72 | 57.37 | 33.80 | 8.58 | 6.64 | .15 | 187.63 |
| Starry flounder | .75 | 4.88 | .02 | .19 | 29.23 | 12.61 | 20.30 | 35.35 | 16.43 | .03 | 22.12 | .01 | 141.92 |
| Other flatfish | | | | | | | | | | | | | |
| Pacific cod | 48.08 | 25.20 | 12.76 | 37.39 | 177.36 | 111.41 | 263.73 | 111.40 | 35.29 | 2.95 | 10.15 | .64 | 836.36 |
| Lingcod | 12.64 | .77 | .85 | 1.24 | 9.39 | 12.94 | 32.03 | 14.90 | 8.18 | 1.03 | 5.92 | 1.66 | 101.55 |
| Sablefish | | | | | .30 | .45 | 1.89 | 1.53 | 1.36 | | | | 5.53 |
| Pollock | 89.87 | 140.47 | 3.80 | 5.86 | 12.32 | 13.08 | | | | .02 | 47.68 | 156.76 | 469.86 |
| Ocean perch | | | | | | 3.49 | .16 | .88 | .60 | 5.65 | | | 10.78 |
| Bocaccio | | | | | | | | | | | | .40 | .40 |
| Canary rockfish | | | .11 | | .02 | | 1.51 | .77 | .03 | | .23 | | 2.67 |
| Redstripe rockfish | | | | | | | | | | | | | |
| Rougheye rockfish | | | | | | | | .07 | | | | | .07 |
| Sil'gray rockfish | | | | | .56 | | 1.38 | 2.14 | .97 | 1.73 | 1.32 | .18 | 8.28 |
| Yel'mouth rockfish | | | | | | | | | | | | | |
| Yel'tail rockfish | 2.39 | 7.71 | .20 | 1.87 | 8.60 | 5.92 | 3.40 | 3.54 | 1.14 | .35 | 2.56 | 12.25 | 49.93 |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | .26 | .17 | .09 | .76 | .77 | 5.76 | 2.02 | 2.65 | 6.04 | 1.63 | | | 20.15 |
| Hake | .02 | | | | | | | | | | | | .02 |
| Octopus | .28 | .10 | .33 | .11 | .20 | .09 | .03 | .01 | .03 | | .35 | | 1.53 |
| Perch | | | | | | | | | | | | | |
| Skate | 7.16 | 2.65 | 4.20 | 6.74 | 8.93 | 8.50 | 13.56 | 19.32 | 12.18 | 1.01 | 1.84 | .07 | 86.16 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | .54 | | | | | | | .54 |
| Dogfish | | | | | 2.42 | | | | | | | | 2.42 |
| Reduction | | | | | | 3.90 | | 18.31 | | | | | 22.21 |
| Animal food | 3.42 | 18.66 | .41 | .27 | 9.15 | 3.90 | 8.08 | 2.96 | 2.18 | .05 | .65 | .56 | 50.29 |
| Total | 212.85 | 227.18 | 59.86 | 136.10 | 413.84 | 344.77 | 705.85 | 594.39 | 333.38 | 58.42 | 115.27 | 181.02 | 3382.93 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | 1.29 | | | | | | | 1.29 |
| Discards | 39.78 | 19.50 | 13.61 | 84.37 | 235.10 | 84.60 | 497.60 | 61.69 | 54.98 | 9.07 | 28.58 | 39.46 | 1168.34 |

Table 38. 1984 British Columbia trawl landings (t) of groundfish from statistical area 5U.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | 17.36 | 6.12 | 12.47 | 4.12 | 5.42 | 4.57 | | | 4.66 | 10.69 | 17.85 | 6.29 | 89.55 |
| Rock sole | .50 | 2.50 | 10.11 | 4.24 | 2.13 | .80 | .23 | 1.21 | | .80 | 1.20 | .61 | 24.33 |
| Petrale sole | .50 | .08 | .59 | .14 | .55 | .46 | | | .03 | 1.58 | 3.15 | 1.51 | 8.59 |
| Dover sole | | | .17 | .01 | | | | | 7.91 | .06 | .42 | | 8.57 |
| Rex sole | .02 | .11 | .05 | .01 | .03 | .02 | | | 1.13 | .09 | 1.91 | .18 | 3.55 |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | .56 | | | | | | | | | | | |
| Starry flounder | | | | .10 | | | | | 2.18 | 6.07 | 2.36 | | 11.17 |
| Other flatfish | | | | 2.74 | | | | | | .01 | | | .11 |
| | | | | | | | | | | | | | 2.74 |
| Pacific cod | 100.54 | 80.27 | 152.34 | 162.93 | 33.05 | 7.41 | | | 1.41 | 11.50 | 83.14 | 48.51 | 681.10 |
| Lingcod | 2.05 | .89 | .84 | 1.93 | 1.26 | .64 | | | | 1.42 | 7.08 | 2.43 | 18.54 |
| Sablefish | | | .01 | | | | | | | | | | .01 |
| Pollock | | .09 | .22 | .01 | .81 | .45 | | | | 1.64 | 1.19 | .24 | 4.65 |
| Ocean perch | | | | | | | | | | | | | |
| Bocaccio | | | | | | | | | .02 | .02 | .02 | | .06 |
| Canary rockfish | | | | | | 6.89 | | | | .04 | 1.29 | .95 | 9.17 |
| Redstripe rockfish | | | | | | | | | .12 | 1.81 | | | 1.93 |
| Rougheye rockfish | | | | | | | | | | | | | |
| Sil'grey rockfish | .06 | | | | | | | | | | | | |
| Yel'mouth rockfish | | | | | | | | | 1.24 | 17.19 | 20.11 | 2.55 | 41.15 |
| Yel'tail rockfish | .04 | .56 | .43 | | | | | | | .23 | 1.81 | 1.62 | 4.69 |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | .02 | .12 | .30 | .32 | .08 | | | | | .56 | 5.16 | .98 | 7.54 |
| Hake | | | | | | | | | | | | | |
| Octopus | .67 | .43 | .20 | .37 | .02 | .03 | | | | .08 | .62 | .33 | 2.75 |
| Perch | | | | | | | | | | | | | |
| Skate | 8.80 | 5.10 | 5.70 | 1.17 | | | | | .28 | .08 | 2.09 | | 23.22 |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | 21.24 | | | | | | | | | |
| Reduction | | | .79 | .04 | | | | | | 49.03 | | | 70.27 |
| Animal food | | .18 | .79 | 9.00 | 2.72 | | | | | | .30 | | 1.13 |
| | | | | | | | | | .45 | .09 | | | 13.23 |
| Total | 130.56 | 97.01 | 185.01 | 208.37 | 46.07 | 21.27 | .23 | 1.21 | 19.43 | 102.99 | 149.70 | 66.20 | 1028.05 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | 41.28 | | .45 | 27.67 | 5.44 | 23.13 | | | 13.61 | 47.63 | 24.49 | 34.02 | 217.72 |

Table 39. 1984 British Columbia trawl landings (t) of groundfish from statistical area 1W.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | 1.17 | | 3.63 | | | | | .01 | | 4.81 |
| Rock sole | | | | .03 | | .84 | | | | | | | .87 |
| Petrale sole | | | 1.05 | 2.60 | 1.89 | .01 | | | | | .09 | .01 | 5.65 |
| Dover sole | 3.56 | | 45.15 | 119.86 | 63.02 | 1.25 | .85 | | | | 2.22 | .31 | 236.22 |
| Rex sole | | | .51 | 18.30 | 8.60 | 2.58 | | | | | .38 | .20 | 30.57 |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | 2.80 | .08 | .04 | | | | | .78 | .30 | 4.00 |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | | | | | | | | | | | | | |
| Pacific cod | | | .01 | .16 | .10 | .95 | .15 | | | | 1.81 | .22 | 3.40 |
| Lingcod | .11 | | .03 | .26 | .07 | .65 | .04 | | | | 5.57 | 1.30 | 8.03 |
| Sablefish | 2.48 | 1.80 | 4.47 | 15.88 | 8.07 | 4.89 | .05 | | | | | | 37.64 |
| Pollock | | | | .01 | | | | | | | | | .01 |
| Ocean perch | 27.52 | | 107.52 | 308.51 | 506.57 | 717.13 | 134.54 | | | | 262.64 | 121.89 | 2186.32 |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | | | | 2.52 | | | | | 4.34 | | 6.86 |
| Redstripe rockfish | | 1.05 | 1.33 | .49 | 49.80 | 30.72 | 15.31 | | | | 4.70 | 7.44 | 110.84 |
| Rougheye rockfish | 22.47 | 1.09 | 53.65 | 33.21 | 29.70 | 48.69 | .09 | | | | 20.58 | 17.49 | 226.97 |
| Sil'gray rockfish | | | 8.33 | 39.51 | 67.12 | 49.87 | 13.69 | | | | 58.74 | 11.08 | 248.34 |
| Yel'mouth rockfish | 4.47 | | 2.74 | 3.78 | 3.78 | 38.57 | 9.72 | | | | | | 63.06 |
| Yel'tail rockfish | | | | | | | | | | | .67 | | .67 |
| Widow rockfish | | | | | | | .70 | | | | | | .70 |
| Other rockfish | 2.35 | .59 | 10.38 | 17.71 | 26.37 | 30.33 | 5.07 | | | | 23.22 | 8.72 | 124.74 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | | .22 | .03 | | | | | .02 | .27 |
| Squid | | | .06 | .80 | .41 | .15 | | | | | .05 | .09 | 1.56 |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | | | | | | 19.31 | | | | | | | 19.31 |
| Animal food | | | 1.57 | 4.26 | 11.43 | 14.27 | 1.53 | | | | 9.85 | 3.61 | 46.52 |
| Total | 62.96 | 4.53 | 236.80 | 569.34 | 777.01 | 966.62 | 181.77 | | | | 395.65 | 172.68 | 3367.36 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | 11.34 | 8.39 | | | | | | | 19.73 |

Table 40. 1984 British Columbia trawl landings (t) of groundfish from statistical area 2AW.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | | | | .01 | | | | | | .01 |
| Rock sole | | | | | | | | | | | | | |
| Petrale sole | 1.07 | 1.41 | 6.61 | | .68 | .03 | | | | | | | 9.80 |
| Dover sole | 35.55 | 4.01 | 17.40 | 4.22 | 1.99 | .24 | .13 | | | | | 2.26 | 65.80 |
| Rex sole | | .07 | | | | | | | | | | | .07 |
| Butter sole | | | | | | | | | | | | | |
| Flathead s. | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | .68 | | | | | | | | | .68 |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | | | | | | | | | | | | | |
| Pacific cod | | | | | .08 | .19 | | | | | | | .27 |
| Lingcod | | | .01 | | .04 | .09 | .23 | | | | | | .37 |
| Sablefish | 3.67 | .76 | 2.54 | .01 | .52 | .47 | 1.07 | | | | | | 9.04 |
| Pollock | | | | | | .01 | | | | | | | .01 |
| Ocean perch | 23.65 | 23.65 | 57.12 | 22.62 | 122.66 | | 74.38 | | 8.20 | 20.30 | .89 | | 353.47 |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | .17 | .02 | | 2.45 | 1.82 | | 1.08 | | | | | | 5.54 |
| Redstripe rockfish | 47.26 | 3.84 | 36.69 | 18.09 | 11.99 | 13.09 | 10.76 | | | 1.45 | | | 143.17 |
| Rougheye rockfish | 7.96 | 15.24 | 48.62 | 15.38 | | | 7.77 | | | | 1.80 | | 96.77 |
| Sil'gray rockfish | 15.55 | 20.22 | 20.86 | 7.34 | 3.25 | | 1.62 | | .60 | 4.93 | .42 | | 74.79 |
| Yel'mouth rockfish | 29.20 | 20.10 | 74.31 | 31.66 | 92.59 | 50.88 | 32.15 | | 9.20 | 7.25 | | | 347.34 |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | 7.33 | 3.42 | | | | | | | | | 10.75 |
| Other rockfish | 2.12 | 4.54 | 20.08 | | 3.39 | | 13.97 | | | .06 | | .04 | 44.20 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | | | | | | | | | |
| Squid | .26 | .08 | .02 | | | | | | | | | | .36 |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | | | | | | | |
| Reduction | 3.07 | | .22 | | 31.17 | 2.62 | 6.12 | | | | | | 43.20 |
| Animal food | .31 | .10 | | | | | | | | .78 | | | 1.19 |
| Total | 169.84 | 94.04 | 291.81 | 105.87 | 270.18 | 67.62 | 149.29 | | 18.00 | 34.77 | 3.11 | 2.30 | 1206.83 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | | |

Table 41. 1984 British Columbia trawl landings (t) of groundfish from statistical area 2BW.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| English sole | | | | | | | | | | | | | |
| Rock sole | | | | | | | .23 | | | | | | .23 |
| Petrale sole | | | | .06 | | | | | | | | | .06 |
| Dover sole | | | | .07 | | | .01 | | .15 | | | | .23 |
| Rex sole | | | | | | | | | | | | | |
| Butter sole | | | | | | | | | | | | | |
| Flathead sole | | | | | | | | | | | | | |
| Sand sole | | | | | | | | | | | | | |
| Turbot | | | | .03 | | | .07 | | | | | | .10 |
| Starry flounder | | | | | | | | | | | | | |
| Other flatfish | | | | | | | | | | | | | |
| Pacific cod | | | | | | | | | .01 | | | | .01 |
| Lingcod | | | | .03 | | | | | .38 | | | | .41 |
| Sablefish | | | | .06 | | | | | .02 | | | | .08 |
| Pollock | | | | | | | | | | | | | |
| Ocean perch | 4.30 | 19.26 | 38.81 | 75.90 | | | 31.77 | 114.06 | 146.72 | 30.97 | | | 461.79 |
| Bocaccio | | | | | | | | | | | | | |
| Canary rockfish | | | .26 | | | | | | | | | | .26 |
| Redstripe rockfish | | | .51 | | | | 2.93 | | .96 | .88 | | | 5.28 |
| Rougheye rockfish | | | | | | | 2.20 | | 1.00 | .88 | | | 4.08 |
| Sil'gray rockfish | .48 | .23 | .26 | .45 | | | | | 1.66 | | | | 3.08 |
| Yel'mouth rockfish | | 19.58 | 22.86 | .05 | | | 13.75 | | 19.81 | 17.69 | | | 93.74 |
| Yel'tail rockfish | | | | | | | | | | | | | |
| Widow rockfish | | | | | | | | | | | | | |
| Other rockfish | .02 | | .77 | .09 | | | 1.53 | | 8.24 | 1.37 | | | 12.02 |
| Hake | | | | | | | | | | | | | |
| Octopus | | | | | | | | | | | | | |
| Perch | | | | | | | | | | | | | |
| Skate | | | | | | | | | | | | | |
| Squid | | | | | | | | | | | | | |
| Sturgeon | | | | | | | | | | | | | |
| Misc. species | | | | | | | | | | | | | |
| Dogfish | | | | | | | 1.53 | | 3.97 | | | | 5.50 |
| Reduction | | | | | | | | | | | | | |
| Animal food | | | | | | | | | | | | | |
| Total | 4.80 | 39.07 | 63.47 | 76.74 | | | 54.02 | 114.06 | 182.92 | 51.79 | | | 586.87 |
| Crab | | | | | | | | | | | | | |
| Dumped fish | | | | | | | | | | | | | |
| Discards | | | | | | | | | | | | | |

## OTHER GROUNDFISH FISHERIES

Groundfish landings in this category are those caught by longline, trap, handline, troll, and incidental to shrimp trawl. In 1984, these landings totalled 6,613 t, 6 % above the 1983 total. Sablefish (3,668 t) and dogfish (1,611 t) accounted for 55% and 24%, respectively, of the catch by other gear. Catches by main species, gear type and major area are presented in Table 42.

No effort data are available for handline, troll, incidental to halibut longline or incidental to shrimp trawl. The catches for these gears were obtained from sales slips and the publication, British Columbia Catch Statistics, 1984, Fisheries and Oceans, Pacific Region.

Interviews were conducted with skippers of longline and trap vessels to obtain catch and effort data. In the longline fishery, 10% (by weight) of the total catch (2,175 t) was covered by these interviews. The target species for the longline fishery were dogfish (1,611 t) and sablefish (365 t). The dogfish fishery was centered in the Strait of Georgia (Area 4B) with 97% caught from this area. The longline sablefish fishery took place mainly off the northwest coast of Vancouver Island (Area 3D) with 58% of the catch. Tables 43-50 show main species landed by major area and month. Table 51 presents the total landings and monitored effort together with the monitored landings and CPUE, by major area and month. Longline landings by minor area in 1984 are given in Table 52.

Total trap landings in 1984 were 3,276 t of which sablefish was the dominant species. The main areas of production were the west coast of Queen Charlotte Islands (Area 5E), northwest coast of Vancouver Island (Area 3D) and north Queen Charlotte Sound (Area 5B), accounting for 31%, 27%, and 22%, respectively. Trap landings of groundfish in 1984 by major area, month and main species are presented in Tables 53-60. Eighty-one percent (by weight) of the trap landings were covered by interviews. Table 61 shows the monitored landings, effort and CPUE and the total landings by major area and month. A breakdown of the trap landings by species and minor areas is given in Table 62.

Table 42. British Columbia landings (t, round weight) of groundfish caught by gear other than trawl in 1984 by major area and species.

| Gear and Species | Major Area 4B | 3C | 3D | 5A | 5B | 5C | 5D | 5E | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Handline and troll** | | | | | | | | | |
| Lingcod | 186.25 | 118.45 | 131.88 | 31.99 | 26.46 | 7.99 | 61.69 | 25.21 | 589.92 |
| Pacific cod | 2.64 | - | - | - | - | - | 0.08 | 0.04 | 2.76 |
| Rockfish | 305.92 | 17.24 | 28.50 | 8.14 | 6.98 | 3.37 | 21.36 | 4.82 | 396.33 |
| Misc. species | 3.72 | 0.08 | - | - | - | - | 0.01 | - | 3.81 |
| **Incidental to halibut longline** | | | | | | | | | |
| Lingcod | 1.04 | 5.60 | 3.92 | 4.11 | 3.73 | 21.71 | 18.26 | 17.50 | 75.87 |
| Pacific cod | - | - | - | - | - | 0.83 | 0.15 | - | 0.98 |
| Rockfish | 1.01 | 3.15 | 2.65 | 8.48 | 3.64 | 19.74 | 11.96 | 9.67 | 60.30 |
| Sablefish | 0.29 | 0.17 | 0.11 | 0.41 | 0.18 | 8.93 | 13.00 | 4.84 | 27.93 |
| **Incidental to Shrimp trawl** | | | | | | | | | |
| Lingcod | 0.05 | 0.60 | - | - | - | - | - | - | 0.65 |
| Pacific cod | 0.19 | - | - | - | - | - | - | - | 0.19 |
| Rockfish | 0.14 | 3.09 | - | - | - | - | - | - | 3.23 |
| Misc. species | 0.26 | 0.10 | - | - | - | - | - | - | 0.36 |
| **Longline** | | | | | | | | | |
| Dogfish | 1557.53 | - | - | 53.66 | - | - | - | - | 1611.19 |
| Lingcod | 6.50 | 3.72 | 13.26 | 8.39 | - | 2.37 | 11.01 | 4.80 | 50.05 |
| Pacific cod | 0.36 | - | - | 0.02 | - | - | 0.22 | 0.10 | 0.70 |
| Rockfish | 33.43 | 1.86 | 48.35 | 19.19 | 0.44 | 0.75 | 10.07 | 32.90 | 146.99 |
| Sablefish | - | - | 211.17 | - | 8.75 | - | 132.35 | 12.78 | 365.05 |
| Misc. species | 0.22 | 0.03 | 0.60 | 0.32 | 0.08 | - | - | 0.23 | 1.48 |
| **Trap** | | | | | | | | | |
| Lingcod | - | - | 0.06 | - | - | - | - | - | 0.06 |
| Rockfish | 0.04 | - | - | - | - | 0.04 | - | - | 0.08 |
| Sablefish | 4.35 | 291.38 | 887.23 | 296.13 | 714.62 | 72.09 | 2.06 | 1007.57 | 3275.43 |
| **Total** | | | | | | | | | |
| Dogfish | 1557.53 | - | - | 53.66 | - | - | - | - | 1611.19 |
| Lingcod | 193.84 | 128.37 | 149.12 | 44.49 | 30.19 | 32.07 | 90.96 | 47.51 | 716.55 |
| Pacific cod | 3.19 | - | - | 0.02 | - | 0.83 | 0.45 | 0.14 | 4.63 |
| Rockfish | 340.54 | 25.34 | 79.50 | 35.81 | 11.06 | 23.90 | 43.39 | 47.39 | 606.93 |
| Sablefish | 4.64 | 291.55 | 1098.51 | 296.54 | 723.55 | 81.02 | 147.41 | 1025.19 | 3668.41 |
| Misc. species | 4.20 | 0.21 | 0.60 | 0.32 | 0.08 | - | 0.01 | 0.23 | 5.65 |

Table 43. 1984 British Columbia longline landings (t) of groundfish--International Area 4B, Strait of Georgia.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dogfish | 157.08 | 190.89 | 4.78 | 44.51 | 142.08 | 55.18 | 101.24 | 100.98 | 126.28 | 187.34 | 220.02 | 227.15 | 1557.53 |
| Lingcod | - | - | - | 0.82 | 0.99 | 0.83 | 0.85 | 0.36 | 0.75 | 1.07 | 0.73 | 0.10 | 6.50 |
| Pacific cod | 0.20 | - | - | - | - | - | - | - | - | 0.06 | 0.10 | - | 0.36 |
| Rockfish | 2.91 | 3.34 | 2.54 | 2.12 | 2.12 | 2.11 | 2.50 | 1.92 | 1.37 | 5.20 | 2.28 | 5.02 | 33.43 |
| Sablefish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Misc. species | 0.02 | 0.03 | 0.05 | - | - | - | - | - | 0.02 | 0.06 | - | 0.04 | 0.22 |
| Total | 160.21 | 194.26 | 7.37 | 47.45 | 145.19 | 58.12 | 104.59 | 103.26 | 128.42 | 193.73 | 223.13 | 232.31 | 1598.04 |

Table 44. 1984 British Columbia longline landings (t) of groundfish--International Area 3C, southwest coast of Vancouver Island.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dogfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lingcod | - | - | - | 0.06 | 0.07 | 0.89 | - | - | - | - | 2.70 | - | 3.72 |
| Pacific cod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | - | - | - | 0.29 | 0.18 | - | - | - | - | - | 1.19 | 0.20 | 1.86 |
| Sablefish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Misc. species | - | - | - | - | - | - | - | - | - | - | - | 0.03 | 0.03 |
| Total | - | - | - | 0.35 | 0.25 | 0.89 | - | - | - | - | 3.89 | 0.23 | 5.61 |

Table 45. 1984 British Columbia longline landings (t) of groundfish—International Area 3D, northwest coast of Vancouver Island.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dogfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lingcod | 0.55 | - | - | 0.58 | 3.76 | 1.64 | 1.96 | 0.30 | 1.27 | - | 0.05 | 3.15 | 13.26 |
| Pacific cod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | 0.37 | - | - | - | 2.82 | 2.17 | 13.12 | 5.34 | 11.34 | - | 0.41 | 12.78 | 48.35 |
| Sablefish | - | - | - | - | - | 0.26 | 28.35 | 115.21 | 67.35 | - | - | - | 211.17 |
| Misc. species | - | - | - | - | - | - | 0.32 | - | 0.23 | - | 0.05 | - | 0.60 |
| Total | 0.92 | - | - | 0.58 | 6.58 | 4.07 | 43.75 | 120.85 | 80.19 | - | 0.51 | 15.93 | 273.38 |

Table 46. 1984 British Columbia longline landings (t) of groundfish—International Area 5A, south Queen Charlotte Sound.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dogfish | 33.06 | 17.20 | - | - | - | - | - | - | - | 3.40 | - | - | 53.66 |
| Lingcod | 0.08 | 0.87 | 2.79 | - | 0.38 | 0.32 | 0.71 | - | - | 3.24 | - | - | 8.39 |
| Pacific cod | 0.02 | - | - | - | - | - | - | - | - | - | - | - | 0.02 |
| Rockfish | 1.30 | 2.27 | 2.78 | - | 0.65 | 0.63 | 0.61 | - | - | 10.95 | - | - | 19.19 |
| Sablefish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Misc. species | 0.03 | 0.04 | 0.22 | - | - | - | - | - | - | 0.03 | - | - | 0.32 |
| Total | 34.49 | 20.38 | 5.79 | - | 1.03 | 0.95 | 1.32 | - | - | 17.62 | - | - | 81.58 |

Table 47. 1984 British Columbia longline landings (t) of groundfish—International Area 5B, north Queen Charlotte Sound.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dogfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lingcod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Pacific cod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | 0.44 | - | - | - | - | - | - | - | - | - | - | - | 0.44 |
| Sablefish | - | - | - | 8.75 | - | - | - | - | - | - | - | - | 8.75 |
| Misc. species | 0.08 | - | - | - | - | - | - | - | - | - | - | - | 0.08 |
| Total | 0.52 | - | - | 8.75 | - | - | - | - | - | - | - | - | 9.27 |

Table 48. 1984 British Columbia longline landings (t) of groundfish—International Area 5C, south Hecate Strait.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dogfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lingcod | - | - | 1.18 | - | 0.59 | 0.62 | - | - | - | - | - | - | 2.37 |
| Pacific cod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | - | - | 0.22 | - | - | 0.53 | - | - | - | - | - | - | 0.75 |
| Sablefish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Misc. species | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | - | - | 1.38 | - | 0.59 | 1.15 | - | - | - | - | - | - | 3.12 |

Table 49. 1984 British Columbia longline landings (t) of groundfish—International Area 5D, north Hecate Strait.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dogfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lingcod | - | 0.07 | 4.33 | 3.57 | - | 0.67 | 0.48 | 0.85 | 1.04 | - | - | - | 11.01 |
| Pacific cod | - | - | - | - | - | 0.20 | 0.02 | - | - | - | - | - | 0.22 |
| Rockfish | - | 0.03 | 0.22 | 0.14 | - | 0.07 | 0.49 | 2.14 | 5.65 | - | - | 1.33 | 10.07 |
| Sablefish | - | - | - | - | - | 23.57 | 86.92 | 21.86 | - | - | - | - | 132.35 |
| Misc. species | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | - | 0.10 | 4.55 | 3.71 | - | 24.51 | 87.91 | 24.85 | 6.69 | - | - | 1.33 | 153.65 |

Table 50. 1984 British Columbia longline landings (t) of groundfish—International Area 5E, west coast of Queen Charlotte Islands.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dogfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lingcod | - | - | - | - | - | 0.57 | 0.29 | - | 0.91 | 3.03 | - | - | 4.80 |
| Pacific cod | - | - | - | - | - | - | - | 0.10 | - | - | - | - | 0.10 |
| Rockfish | - | - | - | - | 0.12 | 8.19 | 0.70 | - | 1.09 | 22.80 | - | - | 32.90 |
| Sablefish | - | - | - | - | - | 4.49 | 1.13 | 7.16 | - | - | - | - | 12.78 |
| Misc. species | - | - | - | - | - | - | - | - | 0.23 | - | - | - | 0.23 |
| Total | - | - | - | - | 0.12 | 13.25 | 2.12 | 7.26 | 2.23 | 25.83 | - | - | 50.81 |

Table 51. Total landings (t), monitored landings (t), and monitored effort (hooks x 1000) for the British Columbia longline fleet in 1984 (excludes halibut).

| | Major Area | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4B | | | | 3C | | | | 3D | | | |
| Month | Total landings (t) | Monitored landings (t) | Monitored effort (hooks x 1000) | Monitored CPUE (t/1000 hooks) | Total landings (t) | Monitored landings (t) | Monitored effort (hooks x 1000) | Monitored CPUE (t/1000 hooks) | Total landings (t) | Monitored landings (t) | Monitored effort (hooks x 1000) | Monitored CPUE (t/1000 hooks) |
| January | 160.21 | 23.96 | 18.12 | 1.322 | - | - | - | - | 0.92 | - | - | - |
| February | 194.26 | - | - | - | - | - | - | - | - | - | - | - |
| March | 7.37 | - | - | - | - | - | - | - | - | - | - | - |
| April | 47.45 | - | - | - | 0.35 | - | - | - | 0.58 | - | - | - |
| May | 145.19 | - | - | - | 0.25 | - | - | - | 6.58 | - | - | - |
| June | 58.12 | - | - | - | 0.89 | - | - | - | 4.07 | - | - | - |
| July | 104.59 | - | - | - | - | - | - | - | 43.75 | - | - | - |
| August | 103.26 | - | - | - | - | - | - | - | 184.73 | - | - | - |
| September | 128.42 | - | - | - | - | - | - | - | 16.30 | - | - | - |
| October | 193.73 | - | - | - | - | - | - | - | - | - | - | - |
| November | 223.13 | 42.51 | 38.60 | 1.101 | 3.89 | - | - | - | 0.51 | - | - | - |
| December | 232.31 | 10.29 | 17.40 | 0.591 | 0.23 | - | - | - | 15.94 | - | - | - |
| Total | 1598.04 | 76.76 | 74.12 | 1.036 | 5.61 | - | - | - | 273.38 | - | - | - |

Table 51 (cont'd)

| Month | Major Area 5A | | | | 5B | | | | 5C | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total landings (t) | Monitored landings (t) | Monitored effort (hooks x 1000) | Monitored CPUE (t/1000 hooks) | Total landings (t) | Monitored landings (t) | Monitored effort (hooks x 1000) | Monitored CPUE (t/1000 hooks) | Total landings (t) | Monitored landings (t) | Monitored effort (hooks x 1000) | Monitored CPUE (t/1000 hooks) |
| January | 34.49 | 33.71 | 21.00 | 1.605 | 0.52 | - | - | - | - | - | - | - |
| February | 20.38 | 17.33 | 15.20 | 1.140 | - | - | - | - | - | - | - | - |
| March | 5.79 | - | - | - | - | - | - | - | 1.38 | - | - | - |
| April | - | - | - | - | 8.75 | - | - | - | - | - | - | - |
| May | 1.03 | - | - | - | - | - | - | - | 0.59 | - | - | - |
| June | 0.95 | - | - | - | - | - | - | - | 1.15 | - | - | - |
| July | 1.32 | - | - | - | - | - | - | - | - | - | - | - |
| August | - | - | - | - | - | - | - | - | - | - | - | - |
| September | - | - | - | - | - | - | - | - | - | - | - | - |
| October | 17.62 | - | - | - | - | - | - | - | - | - | - | - |
| November | - | - | - | - | - | - | - | - | - | - | - | - |
| December | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 81.58 | 51.04 | 36.20 | 1.410 | 9.27 | - | - | - | 3.12 | - | - | - |

Table 51 (cont'd)

| Month | Major Area 5D | | | | 5E | | | | Total | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total landings (t) | Monitored landings (t) | Monitored effort (hooks x 1000) | Monitored CPUE (t/1000 hooks) | Total landings (t) | Monitored landings (t) | Monitored effort (hooks x 1000) | Monitored CPUE (t/1000 hooks) | Total landings (t) | Monitored landings (t) | Monitored effort (hooks x 1000) | Monitored CPUE (t/1000 Hooks) |
| January | - | - | - | - | - | - | - | - | 196.14 | 57.67 | 39.12 | 1.474 |
| February | 0.10 | - | - | - | - | - | - | - | 214.74 | 17.33 | 15.20 | 1.140 |
| March | 4.55 | - | - | - | - | - | - | - | 19.09 | - | - | - |
| April | 3.71 | - | - | - | - | - | - | - | 60.84 | - | - | - |
| May | - | - | - | - | 0.12 | - | - | - | 153.76 | - | - | - |
| June | 24.51 | 24.51 | 201.20 | 0.122 | 13.25 | - | - | - | 102.94 | 24.51 | 201.20 | 0.122 |
| July | 87.91 | 26.20 | 200.20 | 0.131 | 2.12 | - | - | - | 239.69 | 26.20 | 200.20 | 0.131 |
| August | 24.85 | 21.86 | 156.00 | 0.140 | 7.26 | 7.24 | 65.00 | 0.111 | 320.10 | 29.10 | 221.00 | 0.132 |
| September | 6.69 | - | - | - | 2.23 | - | - | - | 153.64 | - | - | - |
| October | - | - | - | - | 25.83 | - | - | - | 237.18 | - | - | - |
| November | - | - | - | - | - | - | - | - | 227.53 | 42.51 | 38.60 | 1.101 |
| December | 1.33 | - | - | - | - | - | - | - | 249.81 | 10.29 | 17.40 | 0.591 |
| Total | 153.65 | 72.57 | 557.40 | 0.130 | 50.81 | 7.24 | 65.00 | 0.111 | 2175.46 | 207.61 | 732.72 | 0.283 |

Table 52. British Columbia longline landings (t) by species by minor area in 1984.

| | Minor Area | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | 1W | 2AW | 1E | 4 | 5U | 2BE | 5L | 8 | 11 | 25 | 26 | 27 | 23 |
| Dogfish | - | - | - | - | - | - | - | - | 53.66 | - | - | - | - |
| Lingcod | - | 4.80 | 1.15 | 5.53 | 4.33 | 1.21 | 1.16 | - | 8.39 | 0.01 | 0.66 | 12.59 | 0.23 |
| Pacific cod | 0.10 | - | 0.22 | - | - | - | - | - | 0.02 | - | - | - | - |
| Rockfish | - | 32.90 | 1.89 | 7.96 | 0.22 | 0.53 | 0.22 | 0.44 | 19.19 | 0.01 | - | 48.34 | 0.69 |
| Sablefish | 7.16 | 5.62 | 132.35 | - | - | - | - | 8.75 | - | 63.88 | 14.31 | 132.98 | - |
| Misc. species | - | 0.23 | - | - | - | - | - | 0.08 | 0.32 | - | - | 0.60 | - |
| Total | 7.26 | 43.55 | 135.61 | 13.49 | 4.55 | 1.74 | 1.38 | 9.27 | 81.58 | 63.90 | 14.97 | 194.51 | 0.92 |

| | Minor Area | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | 24 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 28 | 29 | Total |
| Dogfish | - | 18.74 | 20.60 | 39.08 | 1.76 | 69.73 | 52.33 | 1235.59 | 52.09 | - | 67.61 | 1611.19 |
| Lingcod | 3.49 | 0.18 | - | 0.10 | - | - | 3.94 | 1.57 | 0.71 | - | - | 50.05 |
| Pacific cod | - | 0.05 | - | - | - | - | 0.02 | 0.19 | - | - | 0.10 | 0.70 |
| Rockfish | 1.17 | 4.59 | 1.58 | 1.49 | 0.29 | 0.04 | 15.50 | 9.56 | 0.18 | 0.03 | 0.17 | 146.99 |
| Sablefish | - | - | - | - | - | - | - | - | - | - | - | 365.05 |
| Misc. species | 0.03 | 0.06 | - | 0.04 | - | - | 0.05 | 0.05 | 0.02 | - | - | 1.48 |
| Total | 4.69 | 23.62 | 22.18 | 40.71 | 2.05 | 69.77 | 71.84 | 1246.96 | 53.00 | 0.03 | 67.88 | 2175.46 |

Table 53. 1984 British Columbia trap landings (t) of groundfish—International Area 4B, Strait of Georgia.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lingcod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | - | - | 0.04 | - | - | - | - | - | - | - | - | - | 0.04 |
| Sablefish | - | - | 4.35 | - | - | - | - | - | - | - | - | - | 4.35 |
| Total | - | - | 4.39 | - | - | - | - | - | - | - | - | - | 4.39 |

Table 54. 1984 British Columbia trap landings (t) of groundfish—International Area 3C, southwest coast of Vancouver Island.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lingcod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sablefish | - | - | - | - | 13.66 | 131.75 | 17.24 | 60.30 | 31.54 | - | 36.89 | - | 291.38 |
| Total | - | - | - | - | 13.66 | 131.75 | 17.24 | 60.30 | 31.54 | - | 36.89 | - | 291.38 |

Table 55. 1984 British Columbia trap landings (t) of groundfish—International Area 3D, northwest coast of Vancouver Island.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lingcod | - | - | - | - | 0.06 | - | - | - | - | - | - | - | 0.06 |
| Rockfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sablefish | - | - | 48.91 | 109.83 | 189.53 | 197.48 | 157.35 | 97.31 | 84.97 | - | 1.85 | - | 887.23 |
| Total | - | - | 48.91 | 109.83 | 189.59 | 197.48 | 157.35 | 97.31 | 84.97 | - | 1.85 | - | 887.29 |

Table 56. 1984 British Columbia trap landings (t) of groundfish--International Area 5A, south Queen Charlotte Sound.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lingcod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sablefish | - | - | 69.20 | 64.76 | 28.74 | - | 109.94 | 16.42 | 7.07 | - | - | - | 296.13 |
| Total | - | - | 69.20 | 64.76 | 28.74 | - | 109.94 | 16.42 | 7.07 | - | - | - | 296.13 |

Table 57. 1984 British Columbia trap landings (t) of groundfish—International Area 5B, north Queen Charlotte Sound.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lingcod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sablefish | - | - | 204.93 | 1.39 | 232.58 | 5.10 | 194.71 | 20.73 | 52.35 | - | 2.83 | - | 714.62 |
| Total | - | - | 204.93 | 1.39 | 232.58 | 5.10 | 194.71 | 20.73 | 52.35 | - | 2.83 | - | 714.62 |

Table 58. 1984 British Columbia trap landings (t) of groundfish—International Area 5C, south Hecate Strait.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lingcod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | - | - | - | - | 0.04 | - | - | - | - | - | - | - | 0.04 |
| Sablefish | - | - | - | - | 6.56 | 6.13 | 11.83 | 42.36 | 5.21 | - | - | - | 72.09 |
| Total | - | - | - | - | 6.60 | 6.13 | 11.83 | 42.36 | 5.21 | - | - | - | 72.13 |

Table 59. 1984 British Columbia trap landings (t) of groundfish--International Area 5D, north Hecate Strait.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lingcod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sablefish | - | - | - | - | - | 2.06 | - | - | - | - | - | - | 2.06 |
| Total | - | - | - | - | - | 2.06 | - | - | - | - | - | - | 2.06 |

Table 60. 1984 British Columbia trap landings (t) of groundfish--International Area 5E, west coast Queen Charlotte Islands.

| Species | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lingcod | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rockfish | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sablefish | - | - | 19.01 | 240.27 | 116.47 | 112.89 | 172.16 | 168.36 | 172.10 | - | 6.31 | - | 1007.57 |
| Total | - | - | 19.01 | 240.27 | 116.47 | 112.89 | 172.16 | 168.36 | 172.10 | - | 6.31 | - | 1007.57 |

Table 61. Total landings (t), monitored landings (t), and monitored effort (traps) for the British Columbia trap fleet in 1984.

| Month | Major Area | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4B | | | | 3C | | | | 3D | | | |
| | Total landings (t) | Monitored landings (t) | Monitored effort (traps) | Monitored CPUE (t/trap) | Total landings (t) | Monitored landings (t) | Monitored effort (trans) | Monitored CPUE (t/trap) | Total landings (t) | Monitored landings (t) | Monitored effort (traps) | Monitored CPUE (t/tran) |
| January | - | - | - | - | - | - | - | - | - | - | - | - |
| February | - | - | - | - | - | - | - | - | - | - | - | - |
| March | 4.39 | 4.39 | 972 | 0.005 | - | - | - | - | - | - | - | - |
| April | - | - | - | - | - | - | - | - | 48.91 | 48.91 | 4635 | 0.011 |
| May | - | - | - | - | - | - | - | - | 109.83 | 109.83 | 8265 | 0.013 |
| June | - | - | - | - | 13.66 | - | - | - | 189.59 | 129.76 | 10160 | 0.013 |
| July | - | - | - | - | 131.75 | - | - | - | 197.48 | 150.78 | 13985 | 0.011 |
| August | - | - | - | - | 17.24 | 2.21 | 480 | 0.005 | 157.35 | 128.98 | 10550 | 0.012 |
| September | - | - | - | - | 60.30 | - | - | - | 97.31 | 97.31 | 10275 | 0.009 |
| October | - | - | - | - | 31.54 | 31.54 | 2760 | 0.011 | 84.97 | 55.56 | 4860 | 0.011 |
| November | - | - | - | - | - | - | - | - | - | - | - | - |
| December | - | - | - | - | 36.89 | 36.89 | 1575 | 0.023 | 1.85 | 1.85 | 300 | 0.006 |
| | | | | | - | - | - | - | - | - | - | - |
| Total | 4.39 | 4.39 | 972 | 0.005 | 291.38 | 70.64 | 4815 | 0.015 | 887.29 | 722.98 | 63030 | 0.011 |

Table 61 (cont'd)

| Month | Major Area 5A | | | | 5B | | | | 5C | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total landings (t) | Monitored landings (t) | Monitored effort (traps) | Monitored CPUE (t/trap) | Total landings (t) | Monitored landings (t) | Monitored effort (traps) | Monitored CPUE (t/trap) | Total landings (t) | Monitored landings (t) | Monitored effort (traps) | Monitored CPUE (t/tran) |
| January | - | - | - | - | - | - | - | - | - | - | - | - |
| February | - | - | - | - | - | - | - | - | - | - | - | - |
| March | 69.20 | 69.20 | 3820 | 0.018 | 204.93 | 204.93 | 7680 | 0.026 | - | - | - | - |
| April | 64.76 | 64.76 | 3520 | 0.018 | 1.39 | - | - | - | - | - | - | - |
| May | 28.74 | 28.74 | 1815 | 0.016 | 232.58 | 231.07 | 10080 | 0.023 | 6.60 | 6.60 | 1294 | 0.005 |
| June | - | - | - | - | 5.10 | - | - | - | 6.13 | 6.13 | 665 | 0.009 |
| July | 109.94 | 109.94 | 9600 | 0.011 | 194.71 | 182.22 | 13500 | 0.013 | 11.83 | 11.81 | 840 | 0.014 |
| August | 16.42 | 16.42 | 4125 | 0.004 | 20.73 | 2.75 | 400 | 0.007 | 42.36 | 42.35 | 4075 | 0.010 |
| September | 7.07 | 7.07 | 1080 | 0.007 | 52.35 | 52.35 | 8820 | 0.006 | 5.21 | 5.21 | 420 | 0.012 |
| October | - | - | - | - | - | - | - | - | - | - | - | - |
| November | - | - | - | - | 2.83 | 2.83 | 450 | 0.006 | - | - | - | - |
| December | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 296.13 | 296.13 | 23960 | 0.012 | 714.62 | 676.15 | 40930 | 0.017 | 72.13 | 72.10 | 7294 | 0.010 |

Table 61 (cont'd)

| Month | Major Area: 5D | | | | 5E | | | | Total | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total landings (t) | Monitored landings (t) | Monitored effort (traps) | Monitored CPUE (t/trap) | Total landings (t) | Monitored landings (t) | Monitored effort (traps) | Monitored CPUE (t/trap) | Total landings (t) | Monitored landings (t) | Monitored effort (traps) | Monitored CPUE (t/trap) |
| January | - | - | - | - | - | - | - | - | - | - | - | - |
| February | - | - | - | - | - | - | - | - | - | - | - | - |
| March | - | - | - | - | 19.01 | 19.01 | 900 | 0.021 | 346.44 | 346.44 | 18007 | 0.019 |
| April | - | - | - | - | 240.27 | 240.27 | 15924 | 0.015 | 416.25 | 414.86 | 27709 | 0.015 |
| May | - | - | - | - | 116.47 | 116.47 | 9540 | 0.012 | 587.64 | 512.64 | 32889 | 0.016 |
| June | 2.06 | 1.92 | 270 | 0.007 | 112.89 | 28.59 | 2200 | 0.013 | 455.41 | 187.42 | 17120 | 0.011 |
| July | - | - | - | - | 172.16 | 172.16 | 16140 | 0.011 | 663.23 | 607.31 | 51110 | 0.012 |
| August | - | - | - | - | 168.38 | 91.50 | 7940 | 0.012 | 405.48 | 250.34 | 26815 | 0.009 |
| September | - | - | - | - | 172.10 | 138.10 | 10680 | 0.013 | 353.24 | 289.83 | 28620 | 0.010 |
| October | - | - | - | - | - | - | - | - | - | - | - | - |
| November | - | - | - | - | 6.31 | 6.31 | 600 | 0.011 | 47.88 | 47.88 | 2925 | 0.016 |
| December | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 2.06 | 1.92 | 270 | 0.007 | 1007.57 | 812.41 | 63924 | 0.013 | 3275.57 | 2656.72 | 205195 | 0.013 |

Table 62. British Columbia trap landings (t) by species by minor area in 1984.

| Species | Minor Area | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1W | 2AW | 2BW | 4 | 5U | 2BE | 5L | 6 | 8 |
| Lingcod | - | - | - | - | - | - | - | - | - |
| Rockfish | - | - | - | - | - | - | 0.04 | - | - |
| Sablefish | 160.90 | 641.41 | 205.26 | 1.48 | 0.58 | 15.48 | 44.11 | 12.50 | 714.62 |
| Total | 160.90 | 641.41 | 205.26 | 1.48 | 0.58 | 15.48 | 44.15 | 12.50 | 714.62 |

| Species | Minor Area | | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|
| | 11 | 25 | 26 | 27 | 23 | 24 | 13 | 16 | |
| Lingcod | - | 0.06 | - | - | - | - | - | - | 0.06 |
| Rockfish | - | - | - | - | - | - | - | 0.04 | 0.08 |
| Sablefish | 296.13 | 340.96 | 204.71 | 341.56 | 261.38 | 30.00 | 2.62 | 1.73 | 3275.43 |
| Total | 296.13 | 341.02 | 204.71 | 341.56 | 261.38 | 30.00 | 2.62 | 1.77 | 3275.57 |

## JOINT-VENTURE/FOREIGN FISHERIES

Since 1978, Canadian trawlers have participated in joint-venture fisheries. Canadian catcher vessels deliver Pacific hake and incidental species to foreign processing vessels in cooperative fishing arrangements. These fisheries take place off the southwest coast of Vancouver Island (Area 3C). These data are separated from the domestic landings because the joint-venture and foreign catches (converted from processed weight) are reported by the foreign processing vessels and cannot be verified by weight tallies.

In 1984, 28 Canadian catcher vessels delivered 28,906 t of Pacific hake to 13 processing vessels. Nine Polish vessels and four Soviet vessels participated in this fishery. The joint-venture catches of groundfish for 1983-84 are presented in Table 63.

Other countries have conducted fisheries for Pacific hake off the southwest coast of Vancouver Island for several years. Several of the processing vessels involved in the joint-venture fishery occasionally fished directly (supplemental fishing) when Canadian domestic vessels could not supply sufficient quantities of Pacific hake. This supplemental catch is added to the national catch. In 1984, 15 Polish vessels caught 12,623 t (national catch) and 579 t (supplemental catch) of Pacific hake. The foreign fishery catches of groundfish for 1983-84 are presented in Table 64.

Table 63. Joint-venture catches[a] (t) of groundfish from International Area 3C--Southwest coast of Vancouver Island, 1983-1984.

| Nation and Species | Year 1983 | Year 1984 |
|---|---|---|
| Poland | | |
| Pacific hake | 13,465.06 | 9,213.80 |
| Walleye pollock | 6.40 | 65.77 |
| Pacific ocean perch | 0.25 | 1.28 |
| Other rockfish | 24.38 | 34.30 |
| Misc. species | - | 0.59 |
| USSR | | |
| Pacific hake | 14,191.56 | 19,692.25 |
| Walleye pollock | - | 41.33 |
| Pacific ocean perch | - | - |
| Other rockfish | 25.49 | 86.84 |
| Misc. species | - | 0.24 |
| Total | | |
| Pacific hake | 27,656.62 | 28,906.05 |
| Walleye pollock | 6.40 | 107.10 |
| Pacific ocean perch | 0.25 | 1.28 |
| Other rockfish | 49.87 | 121.14 |
| Misc. species | - | 0.83 |

[a]Catches (converted from processed weight) are reported by foreign processing vessels and cannot be verified by weight tallies.

Table 64. Foreign catches[a] (t) of groundfish from International Area 3C--Southwest coast of Vancouver Island, 1983-1984.

| Nation and Species | Year | | | |
|---|---|---|---|---|
| | 1983 | | 1984 | |
| | National | Supplemental | National | Supplemental |
| Poland | | | | |
| Pacific hake | 12,555.81 | 621.23 | 12,623.46 | 579.36 |
| Walleye pollock | 9.89 | 3.06 | - | 1.14 |
| Pacific ocean perch | 27.20 | 16.46 | 41.75 | - |
| Other rockfish | 270.95 | 6.08 | 343.00 | 20.09 |
| Misc. species | - | - | 0.10 | 0.52 |

[a]Catches (converted from processed weights) are reported by foreign vessels and cannot be verified by weight tallies.

## CATCHES BY INPFC AREA

This report is also produced to satisfy requirements of committees of the International North Pacific Fisheries Commission (INPFC) (Canada, Japan and United States). To complement the previous tables, groundfish landings in metric tonnes(t) are presented in Tables 65-67 for trawl and other gears according to INPFC areas. The relationship between these INPFC areas and the major areas used in the first portion of this report is as follows:

| INPFC Area | Major Area | Latitude |
|---|---|---|
| Charlotte | 5A, 5B, 5C, 5D, 5E[5] | 50°30'N - 54°30'N |
| Vancouver | 3B[6], 3C[6], 3D, 4B[7] | 47°30'N - 50°30'N |

[5]Northernmost 10 miles actually in Southeastern.
[6]Southernmost 10 miles actually in Columbia.
[7]Inside waters (Strait of Georgia).

Table 65. British Columbia landings[a] (t) of groundfish taken by all types of gear in 1984 by INPFC area.

| Species | INPFC Area | | |
|---|---|---|---|
| | Vancouver | Charlotte | Total |
| English sole | 132.13 | 679.39 | 811.52 |
| Rock sole | 106.62 | 418.83 | 525.45 |
| Petrale sole | 298.93 | 118.09 | 417.02 |
| Dover sole | 150.26 | 997.95 | 1148.21 |
| Rex sole | 0.48 | 218.66 | 219.14 |
| Starry flounder | 18.23 | 152.10 | 170.33 |
| Turbot | 57.45 | 311.55 | 369.00 |
| Other flatfish | 133.19 | 8.30 | 141.49 |
| Pacific cod | 1328.98 | 2135.65 | 3464.63 |
| Lingcod | 2572.84 | 1115.14 | 3687.98 |
| Sablefish | 1516.88 | 2338.53 | 3855.41 |
| Pollock | 161.97 | 637.83 | 799.80 |
| Hake | 4599.48 | 0.02 | 4599.50 |
| Pacific ocean perch | 744.02 | 5953.71 | 6697.73 |
| Other rockfish | 2856.80 | 5655.20 | 8512.00 |
| Misc. species | 35.81 | 139.32 | 175.13 |
| Dogfish | 2315.18 | 195.22 | 2510.40 |
| Animal food | 0.18 | 160.77 | 160.95 |
| Reduction | 36.53 | 207.28 | 243.81 |
| Total | 17,065.96 | 21,443.54 | 38,509.50 |

[a]Does not include catches from joint-venture or foreign fishery, see Tables 63 and 64.

Table 66. British Columbia trawl landings (t) of groundfish in 1984 by INPFC area.

| Species | INPFC Area | | Total |
|---|---|---|---|
| | Vancouver | Charlotte | |
| English sole | 132.13 | 679.39 | 811.52 |
| Rock sole | 106.62 | 418.83 | 525.45 |
| Petrale sole | 298.93 | 118.09 | 417.02 |
| Dover sole | 150.26 | 997.95 | 1148.21 |
| Rex sole | 0.48 | 218.66 | 219.14 |
| Starry flounder | 18.23 | 152.10 | 170.33 |
| Turbot | 57.45 | 311.55 | 369.00 |
| Other flatfish | 133.19 | 8.30 | 141.49 |
| Pacific cod | 1325.79 | 2134.21 | 3460.00 |
| Lingcod | 2101.51 | 869.92 | 2971.43 |
| Sablefish | 122.18 | 64.82 | 187.00 |
| Pollock | 161.97 | 637.83 | 799.80 |
| Hake | 4599.48 | 0.02 | 4599.50 |
| Pacific ocean perch | 744.02 | 5953.71 | 6697.73 |
| Other rockfish | 2411.42 | 5493.65 | 7905.07 |
| Misc. species | 30.80 | 138.68 | 169.48 |
| Dogfish | 757.65 | 141.56 | 899.21 |
| Animal food | 0.18 | 160.77 | 160.95 |
| Reduction | 36.53 | 207.28 | 243.81 |
| Total | 13,188.82 | 18,707.32 | 31,896.14 |
| Effort (h) | 15,051 | 18,953 | 34,004 |

Table 67. British Columbia landings (t) of groundfish caught by gear other than trawl in 1984 by INPFC area.

| Species and gear | INPFC Area | | Total |
|---|---|---|---|
| | Vancouver | Charlotte | |
| **Handline and troll** | | | |
| Lingcod | 436.58 | 153.34 | 589.92 |
| Pacific cod | 2.64 | 0.12 | 2.76 |
| Rockfish | 351.66 | 44.67 | 396.33 |
| Misc. species | 3.80 | 0.01 | 3.81 |
| **Incidental to halibut longline** | | | |
| Lingcod | 10.56 | 65.31 | 75.87 |
| Pacific cod | - | 0.98 | 0.98 |
| Rockfish | 6.81 | 53.49 | 60.30 |
| Sablefish | 0.57 | 27.36 | 27.93 |
| **Incidental to shrimmp trawl** | | | |
| Lingcod | 0.65 | - | 0.65 |
| Pacific cod | 0.19 | - | 0.19 |
| Rockfish | 3.23 | - | 3.23 |
| Mics. species | 0.36 | - | 0.36 |
| **Longline** | | | |
| Dogfish | 1557.53 | 53.66 | 1611.19 |
| Lingcod | 23.48 | 26.57 | 50.05 |
| Pacific cod | 0.36 | 0.34 | 0.70 |
| Rockfish | 83.64 | 63.35 | 146.99 |
| Sablefish | 211.17 | 153.88 | 365.05 |
| Misc. species | 0.85 | 0.63 | 1.48 |
| **Trap** | | | |
| Lingcod | 0.06 | - | 0.06 |
| Rockfish | 0.04 | 0.04 | 0.08 |
| Sablefish | 1182.96 | 2092.47 | 3275.43 |
| Total | 3,877.14 | 2,736.22 | 6,613.36 |

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